



Goodyear Off-The-Road Tyres. Product Brochure 2019.



GOODYEAR

MADE TO FEEL GOOD.

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Tyres for Rigid Dump Trucks

| | | | | | | |
|--|---|---|---|---|---|---|
|  |  |  |  |  |  |  |
| | RL-3+ | RL-4 | RL-4B | RL-4H | RL-4M+ | RT-4A / RT-4A+ |
| SIZES AVAILABLE | 125 (E3+) | 150 (E4) | 150 (E4) | 150 (E4) | 170 (E4+) | 150 (E4) / 170 (E4+) |
| 18.00 R 25 ** | | | | | | |
| 18.00 R 33 *** | | | | | | |
| 21.00 R 33 ** | | | | | | |
| 21.00 R 35 ** | | | | | | |
| 24.00 R 35 ** | | | | | | |
| 27.00 R 49 ** | | | | | | |
| 30.00 R 51 ** | | | | | | |
| 33.00 R 51 ** | | | | | | |
| 36.00 R 51 ** | | | | | | |
| 37.00 R 57 ** | | | | | | |
| Page Reference | 05 | 05 | 07 | 12 | 11 | 08 |

Tyres for Articulated Dump Trucks









| | | | |
|--|--|--|--|
|  |  |  |  |
| | RM-3A | RM-4A+ | RM-4B+ |
| SIZES AVAILABLE | 125 (E3) | 170 (E4+) | 170 (E4+) |
| 18.00 R 33 *** | | | |
| 21.00 R 35 ** | | | |
| 24.00 R 35 ** | | | |
| 27.00 R 49 ** | | | |
| 33.00 R 51 ** | | *** | |
| 37.00 R 57 ** | | | |
| 40.00 R 57 ** | | | |
| 46/90 R 57 ** | | | |
| 53/80 R 63 ** | | | |
| 59/80 R 63 ** | | | |
| Page Reference | 06 | 09 | 10 |

| | | | | |
|---|---|--|--|--|
|  |  |  |  |  |
| | GP-3D | TL-3A+ | TL-4A | GP-4D |
| SIZES AVAILABLE | 115 (E3) | 125 (E3+) | 150 (E4) | 150 (E4) |
| 17.5 R 25 */** | | | | |
| 20.5 R 25 */** | | | | |
| 23.5 R 25 */** | | | | |
| 26.5 R 25 */** | | | | |
| 29.5 R 25 ** | | | | |
| 650/65 R 25 ** | | | | |
| 750/65 R 25 */** | | | | |
| 33.25 R 29 ** | | TL-3A | | |
| 775/65 R 29 ** | | | | |
| 875/65 R 29 ** | | | | |
| Page Reference | 19 | 17 | 18 | 20 |

Radial Tyres for Port and Industrial Applications

| | | | | | | |
|--|---|---|---|---|---|---|
|  |  |  |  |  |  |  |
| | EV-3+ | EV-4C | EV-4D | EV-4R | EV-4S | EV-5S |
| SIZES AVAILABLE | 125 (IND3+) | 150 (IND4) | 150 (IND4) | 150 (IND4) | 150 (IND4) | 250 (IND5) |
| 14.00 R 24 *** | | | | | EV-4S+ | |
| 14.00 R 25 *** | | | | | | |
| 16.00 R 25 *** | EV-3R | | | | | |
| 480/95 R 25 *** | EV-3R | | | | | |
| 18.00 R 25 *** | | | | | | |
| 18.00 R 33 *** | | | | | EV-S4S | |
| Page Reference | 41 | 41 | 41 | 41 | 41 | 41 |

Tyres for Wheel Loader, Grader and Underground

| | | | | | | | |
|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |
| | GP-3D | RL-3S | RT-3B | TL-3A+ | GP-4D | RL-4K | RT-4D |
| SIZES AVAILABLE | 115 (L3) | 115 (L3) | 115 (L3) | 125 (L3+) | 150 (L4) | 150 (L4) | 150 (L4) |
| 14.00 R 24 *** | | | | | | ***/* | |
| 17.5 R 25 ** | | | * | */** | | | |
| 20.5 R 25 ** | | | * | */** | */** | | |
| 23.5 R 25 ** | | | | */** | */** | *** | |
| 26.5 R 25 ** | | | */** | */** | */** | | |
| 29.5 R 25 ** | | | | | | | |
| 600/65 R 25 * | | | | | | | |
| 650/65 R 25 ** | */** | | | | | | |
| 750/65 R 25 */** | | | | | | | |
| 26.5 R 29 ** | | | | | | | |
| 775/65 R 29 ** | | | | | | | |
| 875/65 R 29 ** | | | | | | | |
| 875/65 R 33 ** | | | | | | | |
| Page Reference | 31 | 35 | 25 | 29 | 32 | 33 | 27 |

Also available in RL-4K Half Track (150 – L4)

| | | | | |
|--|--|--|--|--|
|  |  |  |  |  |
| | RT-5D | RL-5K | RL-5K | RL-5S |
| SIZES AVAILABLE | 250 (L5) | 250 (L5) | 250 (L5) | 250 (L5) |
| 14.00 R 24 ** | | | | |
| 17.5 R 25 ** | | | | |
| 18.00 R 25 ** | | | | |
| 20.5 R 25 ** | | | | |
| 23.5 R 25 ** | | | | |
| 26.5 R 25 ** | | | | |
| 29.5 R 25 ** | | | | |
| 29.5 R 29 ** | | | | |
| 875/65 R 33 ** | | | | |
| 1150/65 R 39 ** | | | | |
| 1150/65 R 45 ** | | | | |
| Page Reference | 27 | 33 | 37 | 35 |



Bias Tyres for Port and Industrial Applications

| | | | | |
|---|---|---|---|---|
|  |  |  |  |  |
| | ELV-3A | ELV-3C | ELV-4B | ELV-4D / ELV-5D |
| SIZES AVAILABLE | 125 (IND3) | 125 (IND3) | 150 (IND4) | 150 (IND4) |
| 14.00 – 24 | | | | |
| 16.00 – 25 | | | | |
| 18.00 – 25 | | | | |
| 21.00 – 25 | | | | |
| 18.00 – 33 | | | | |
| Page Reference | 43 | 43 | 43 | 43 |



A reinforced casing allows to carry up to 25% more load than a non Hi-Stability tyre, in the same conditions.
Dedicated mainly to highly severe applications on loaders.



Goodyear haulage tyres for Rigid Dump Trucks.

Goodyear tyres for rigid dump trucks are specifically developed to help keep your equipment operating at capacity. Whether you're facing extreme terrains, mining quarries or hauling heavy loads through construction sites, Goodyear has a wide selection of haulage tyres to help you manage your throughput.

Haulage tyres for toughness and efficiency

- Strong, reinforced sidewalls help resist cuts on tough terrain
- Optimized tread patterns for increased traction
- Advanced compounds for performance in even the most severe applications

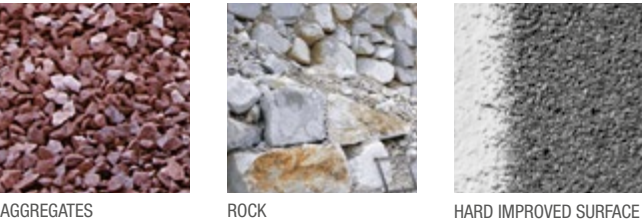




RL-3+ / RL-4

Radial rock tyre for high-speed haulage applications.

- Solid centreline section for high-torque applications, longer wear and smooth ride
- 125-level (RL-3+) and 150-level (RL-4) tread depth offering long wear, greater cut resistance and enhanced traction
- Unique compound helps provide cooler temperatures for long haul, high-speed service



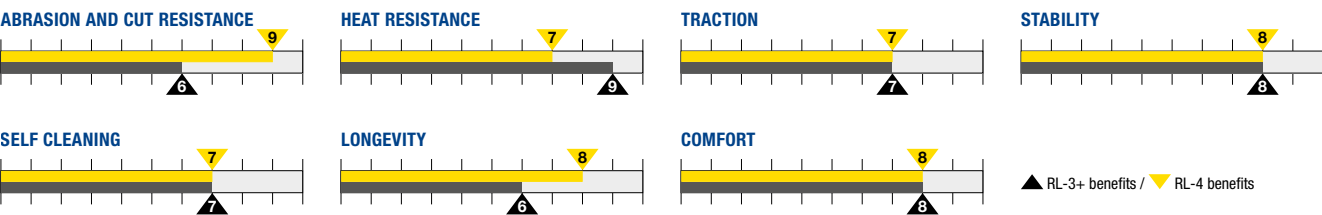
Engineering Data

| Engineering Data | | | INFLATED DIMENSIONS | | LOADED TYRE | Rolling Circumference (mm) |
|---------------------|---|------------------|---------------------|-----------------------|---------------------------|----------------------------|
| Dimension | Design Rim Width / Flange Height (inches) | Tread Depth (mm) | Overall Width (mm) | Overall Diameter (mm) | Static Loaded Radius (mm) | |
| RL-3+ | | | | | | |
| 21.00 R 35 Tubeless | 15.00 / 3.0 | 44 | 587 | 2014 | 922 | 6070 |
| 24.00 R 35 Tubeless | 17.00 / 3.5 | 48 | 658 | 2134 | 970 | 6432 |
| 27.00 R 49 Tubeless | 19.5 / 4.0 | 53 | 752 | 2647 | 1133 | 6432 |
| RL-4 | | | | | | |
| 18.00 R 25 Tubeless | 13.00 / 2.5 | 54 | 505 | 1656 | 757 | 4991 |

Loads and Inflation

FOR TRANSPORT SERVICE AT 50KM/H MAXIMUM SPEED

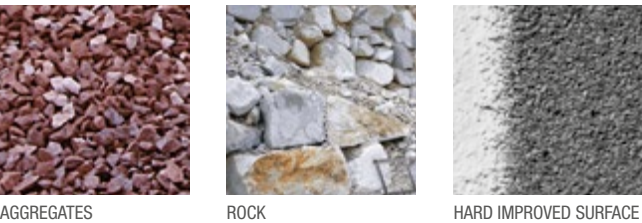
| Dimension | Star Marking | Load Speed Index | Loads per Tyre in Kilograms and Inflation in Bar | | | | | | |
|---------------------|--------------|------------------|--|-------|-------|-------|-------|-------|-------|
| | | | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 |
| RL-3+ | | | | | | | | | |
| 21.00 R 35 Tubeless | ** | 201B | 11800 | 12150 | 12850 | 13200 | 13600 | 14000 | 14500 |
| 24.00 R 35 Tubeless | ** | 209B | 15500 | 16000 | 16500 | 17000 | 17500 | 18000 | 18500 |
| 27.00 R 49 Tubeless | ** | 223B | 22400 | 23000 | 23600 | 25000 | 25750 | 26500 | 27250 |
| RL-4 | | | | | | | | | |
| 18.00 R 25 Tubeless | ** | 185B | 7750 | 8000 | 8250 | 8500 | 8750 | 9000 | 9250 |



RM-3A

The RM-3A is a haulage tyre for high-speed service that offers outstanding durability and performance.

- Cool-running, shallow tread, haulage tyre for long haul, high-speed service
- A sidewall scallop helps reduce temperature buildup for longer treadwear
- A high-angle, non-directional tread pattern offers a higher TKPH rating for improved overall performance
- Interlocking stability blading helps provide forward and backward traction
- High net-to-gross tread pattern helps improve footprint stability and offers additional heat relief than the E4
- Unique compound places more wearable tread on the ground



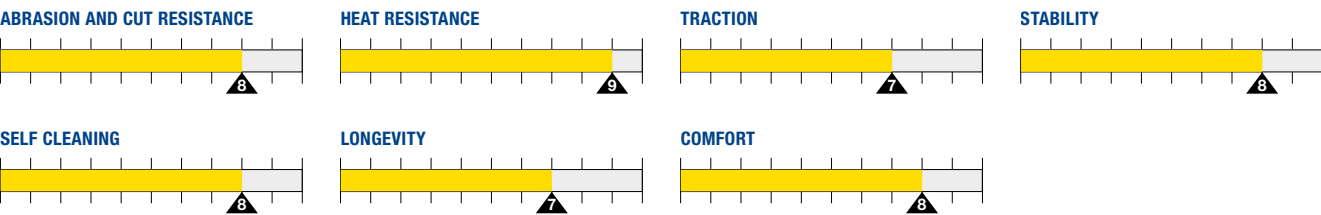
Engineering Data

| Dimension | Design Rim Width / Flange Height (inches) | Tread Depth (mm) | INFLATED DIMENSIONS | | LOADED TYRE | |
|------------|---|------------------|---------------------|-----------------------|---------------------------|----------------------------|
| | | | Overall Width (mm) | Overall Diameter (mm) | Static Loaded Radius (mm) | Rolling Circumference (mm) |
| 53/80 R 63 | 36.00 / 5.0 | 63.5 | 1341 | 3792 | 1681 | 11403 |
| 59/80 R 63 | 44.00 / 5.0 | 70 | 1496 | 4023 | 1775 | 12107 |

Loads and Inflation

FOR TRANSPORT SERVICE AT 50KM/H MAXIMUM SPEED

| Dimension | Star Marking | Load Speed Index | Loads per Tyre in Kilograms and Inflation in Bar | | | | | | | | | |
|------------|--------------|------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| | | | 4.50 | 4.75 | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 |
| 53/80 R 63 | ** | 261B | 60000 | 61500 | 65000 | 67000 | 69000 | 71000 | 73000 | 75000 | 77500 | 80000 |
| 59/80 R 63 | ** | 268B | 71000 | 75000 | 77500 | 80000 | 82500 | 85000 | 90000 | 92500 | 95000 | 100000 |

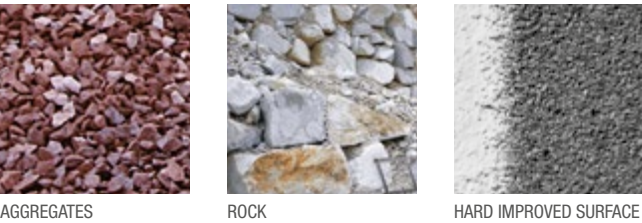




RL-4B

Time-proven radial rock tyre for utility haulage applications.

- Wide, flat tread radius offers longer, even tread life
- Solid centreline section for high-torque applications offers longer wear and a smooth ride
- 150-level tread depth with 50% deeper tread than standard E-3 helps provide long wear



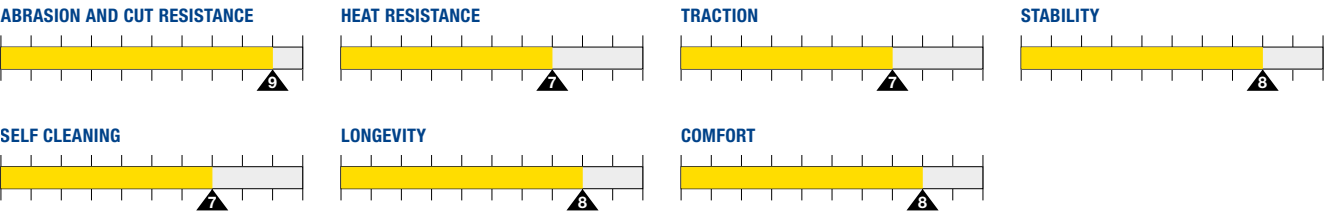
Engineering Data

| Dimension | Design Rim Width / Flange Height (inches) | Tread Depth (mm) | INFLATED DIMENSIONS | | LOADED TYRE | |
|---------------------|---|------------------|---------------------|-----------------------|---------------------------|----------------------------|
| | | | Overall Width (mm) | Overall Diameter (mm) | Static Loaded Radius (mm) | Rolling Circumference (mm) |
| 21.00 R 33 Tubeless | 15.00 / 3.0 | 54 | 599 | 1991 | 914 | 6001 |
| 21.00 R 35 Tubeless | 15.00 / 3.0 | 56 | 599 | 2036 | 908 | 6135 |
| 24.00 R 35 Tubeless | 17.00 / 3.5 | 57 | 683 | 2205 | 998 | 6623 |

Loads and Inflation

FOR TRANSPORT SERVICE AT 50KM/H MAXIMUM SPEED

| Dimension | Star Marking | Load Speed Index | Loads per Tyre in Kilograms and Inflation in Bar | | | | | | | | | | |
|---------------------|--------------|------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | 4.50 | 4.75 | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 |
| 21.00 R 33 Tubeless | ** | 200B | - | - | - | - | 11500 | 11800 | 12500 | 12850 | 13200 | 13600 | 14000 |
| 21.00 R 35 Tubeless | ** | 201B | 10300 | 10600 | 11200 | 11500 | 11800 | 12150 | 12850 | 13200 | 13600 | 14000 | 14500 |
| 24.00 R 35 Tubeless | ** | 209B | 13200 | 13600 | 14000 | 14500 | 15500 | 16000 | 16500 | 17000 | 17500 | 18000 | 18500 |



RT-4A / RT-4A+

Radial haulage tyre with a deep tread pattern for outstanding traction and long, even wear.

- 150 (RT-4A) and 170 (RT-4A+) tread depth offers optimized traction and treadwear
- Unique geometry lug pattern offers even pressure distribution and increased mobility
- Rugged tread design offers long, even wear
- Interconnected tread blocks for improved durability
- Optimized pattern with high self-cleaning properties



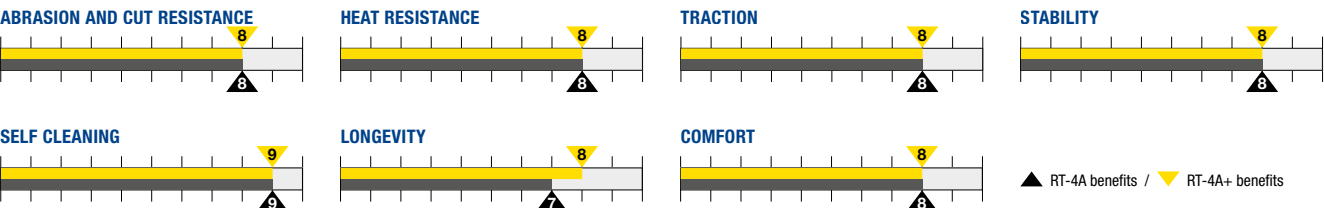
Engineering Data

| Engineering Data | | | INFLATED DIMENSIONS | | LOADED TYRE | |
|---------------------|---|------------------|---------------------|-----------------------|---------------------------|----------------------------|
| Dimension | Design Rim Width / Flange Height (inches) | Tread Depth (mm) | Overall Width (mm) | Overall Diameter (mm) | Static Loaded Radius (mm) | Rolling Circumference (mm) |
| RT-4A | | | | | | |
| 18.00 R 33 Tubeless | 13.00 / 2.5 | 54 | 507 | 1870 | 855 | 5636 |
| RT-4A+ | | | | | | |
| 24.00 R 35 Tubeless | 17.00 / 3.5 | 71 | 660 | 2184 | 980 | 6583 |
| 27.00 R 49 Tubeless | 19.50 / 4.0 | 75 | 766 | 2700 | 1212 | 8138 |

Loads and Inflation

FOR TRANSPORT SERVICE AT 50KM/H MAXIMUM SPEED

| Dimension | Star Marking | Load Speed Index | Loads per Tyre in Kilograms and Inflation in Bar | | | | | | | | | | | |
|---------------------|--------------|------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 |
| RT-4A | | | | | | | | | | | | | | |
| 18.00 R 33 Tubeless | *** | 195B | 9000 | 9250 | 9750 | 10000 | 10300 | 10600 | 10900 | 11200 | 11500 | 11800 | 12000 | 12150 |
| RT-4A+ | | | | | | | | | | | | | | |
| 24.00 R 35 Tubeless | ** | 209B | 15500 | 16000 | 16500 | 17000 | 17500 | 18000 | 18500 | - | - | - | - | - |
| 27.00 R 49 Tubeless | ** | 223B | 22400 | 23000 | 23600 | 25000 | 25750 | 26500 | 27250 | - | - | - | - | - |

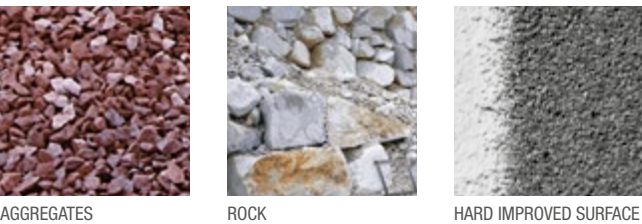




RM-4A+

The RM-4A+ is the next generation of Goodyear® haulage tyres offering toughness and performance for severe operating conditions.

- Extra-deep tread pattern helps provide longer treadwear
- A sidewall scallop offers reduced temperature buildup and allows for a higher TMPH rating for improved overall performance
- A high-angle, non-directional tread pattern helps provide forward and backward traction



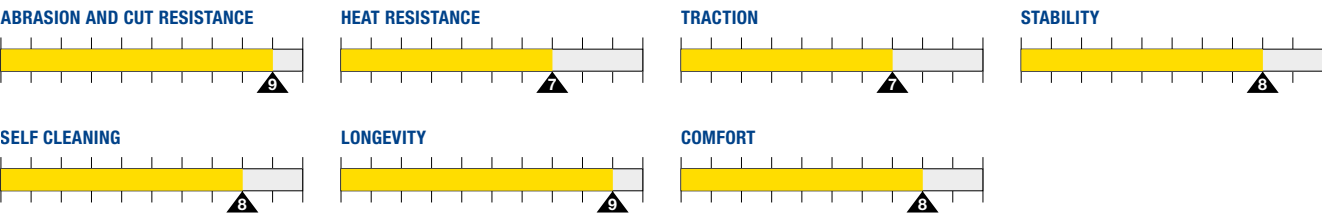
Engineering Data

| Dimension | Design Rim Width / Flange Height (inches) | Tread Depth (mm) | INFLATED DIMENSIONS | | LOADED TYRE | |
|---------------------|---|------------------|---------------------|-----------------------|---------------------------|----------------------------|
| | | | Overall Width (mm) | Overall Diameter (mm) | Static Loaded Radius (mm) | Rolling Circumference (mm) |
| 27.00 R 49 Tubeless | 19.50 / 4.0 | 75 | 758 | 2697 | 1238 | 8130 |
| 33.00 R 51 Tubeless | 24.00 / 5.0 | 88 | 942 | 3063 | 1365 | 9259 |
| 37.00 R 57 Tubeless | 27.00 / 6.0 | 98 | 1072 | 3467 | 1545 | 10417 |
| 46/90 R 57 Tubeless | 29.00 / 6.0 | 98 | 1174 | 3576 | 1588 | 10753 |
| 53/80 R 63 Tubeless | 36.00 / 5.0 | 104 | 1341 | 3792 | 1681 | 11403 |
| 59/80 R 63 Tubeless | 44.00 / 5.0 | 116 | 1496 | 4023 | 1775 | 12107 |

Loads and Inflation

FOR TRANSPORT SERVICE AT 50KM/H MAXIMUM SPEED

| Dimension | Star Marking | Load Speed Index | Loads per Tyre in Kilograms and Inflation in Bar | | | | | | | | | | |
|---------------------|--------------|------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| | | | 4.50 | 4.75 | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 |
| 27.00 R 49 Tubeless | ** | 223B | 19500 | 20000 | 20600 | 21800 | 22400 | 23000 | 23600 | 25000 | 25750 | 26500 | 27250 |
| 33.00 R 51 Tubeless | *** | 235B | 27250 | 29000 | 30000 | 30750 | 32500 | 33500 | 34500 | 35600 | 36500 | 37500 | 38750 |
| 37.00 R 57 Tubeless | ** | 246B | 37500 | 38750 | 40000 | 41250 | 43750 | 45000 | 46250 | 47500 | 48750 | 50000 | 51500 |
| 46/90 R 57 Tubeless | ** | 252B | 45000 | 47500 | 48750 | 51500 | 53000 | 54500 | 56000 | 58000 | 60000 | 61500 | 63000 |
| 53/80 R 63 Tubeless | ** | 261B | 60000 | 61500 | 65000 | 67000 | 69000 | 71000 | 73000 | 75000 | 77500 | 80000 | 82500 |
| 59/80 R 63 Tubeless | ** | 268B | 71000 | 75000 | 77500 | 80000 | 82500 | 85000 | 90000 | 92500 | 95000 | 97500 | 100000 |



RM-4B+

Engineered for severe operating conditions.

- 170-level tread depth offering superb wear performance
- Optimal tread zone stiffness for improved treadwear
- Cool-running CycleMax tread rubber compound
- Tread lug blading for additional heat resistance
- Interlocking blading for added stability
- Centreline channel for added lateral traction and heat resistance
- Angled main grooves for forward and lateral traction
- Extra thick sidewall for increased resistance to friction and impacts



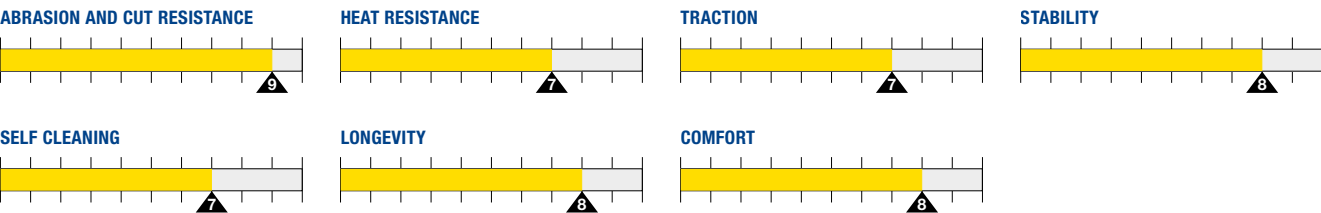
Engineering Data

| Dimension | Design Rim Width / Flange Height (inches) | Tread Depth (mm) | INFLATED DIMENSIONS | | LOADED TYRE | |
|---------------------|---|------------------|---------------------|-----------------------|---------------------------|----------------------------|
| | | | Overall Width (mm) | Overall Diameter (mm) | Static Loaded Radius (mm) | Rolling Circumference (mm) |
| 18.00 R 33 Tubeless | 13.00 / 2.5 | 64 | 508 | 1859 | 864 | 5607 |
| 21.00 R 35 Tubeless | 15.00 / 3.0 | 68 | 599 | 2036 | 908 | 6143 |
| 24.00 R 35 Tubeless | 17.00 / 3.5 | 70 | 703 | 2188 | 994 | 6599 |
| 40.00 R 57 Tubeless | 29.00 / 6.0 | 98 | 1142 | 3573 | 1604 | 10785 |
| 46/90 R 57 Tubeless | 29.00 / 6.0 | 98 | 1174 | 3576 | 1600 | 11090 |

Loads and Inflation

FOR TRANSPORT SERVICE AT 50KM/H MAXIMUM SPEED

| Dimension | Star Marking | Load Speed Index | Loads per Tyre in Kilograms and Inflation in Bar | | | | | | | | | | | | | | |
|---------------------|--------------|------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | 4.50 | 4.75 | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 |
| 18.00 R 33 Tubeless | *** | 195B | - | - | - | - | - | 9250 | 9750 | 10000 | 10300 | 10600 | 10900 | 11200 | 11500 | 11800 | 12000 |
| 21.00 R 35 Tubeless | ** | 201B | 10300 | 10600 | 11200 | 11500 | 11800 | 12150 | 12850 | 13200 | 13600 | 14000 | 14500 | - | - | - | - |
| 24.00 R 35 Tubeless | ** | 209B | 13200 | 13600 | 14000 | 14500 | 15500 | 16000 | 16500 | 17000 | 17500 | 18000 | 18500 | - | - | - | - |
| 40.00 R 57 Tubeless | ** | 250B | 42500 | 45000 | 46250 | 48750 | 50000 | 51500 | 53000 | 54500 | 56000 | 58000 | 60000 | - | - | - | - |
| 46/90 R 57 Tubeless | ** | 252B | 45000 | 47500 | 48750 | 51500 | 53000 | 54500 | 56000 | 58000 | 60000 | 61500 | 63000 | - | - | - | - |





RL-4M+

The RL-4M+ is for haulage use in severe operating conditions.

- 150-plus-level tread design with non-directional tread pattern offers optimized treadwear and improved forward and lateral traction
- Rugged tread design and submerged center rib help improve treadwear
- Wider tread footprints help provide improved wear rate, cut resistance and durability
- Radial construction offers cooler running temperatures



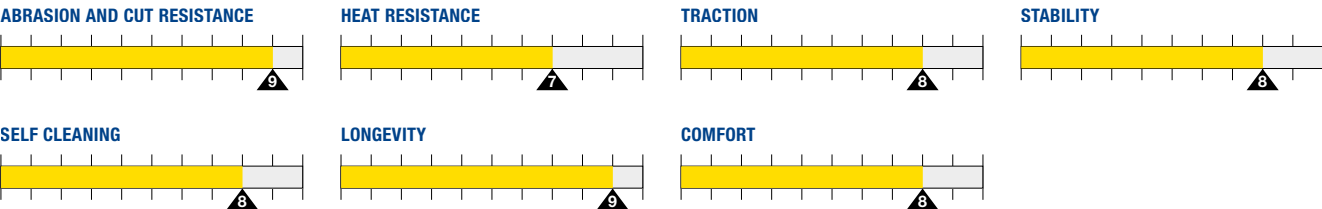
Engineering Data

| Dimension | Design Rim Width / Flange Height (inches) | Tread Depth (mm) | INFLATED DIMENSIONS | | LOADED TYRE | |
|---------------------|---|------------------|---------------------|-----------------------|---------------------------|----------------------------|
| | | | Overall Width (mm) | Overall Diameter (mm) | Static Loaded Radius (mm) | Rolling Circumference (mm) |
| 33.00 R 51 Tubeless | 24.00 / 5.0 | 89 | 925 | 3063 | 1395 | 9259 |
| 37.00 R 57 Tubeless | 27.00 / 6.0 | 98 | 1080 | 3449 | 1562 | 10417 |

Loads and Inflation

FOR TRANSPORT SERVICE AT 50KM/H MAXIMUM SPEED

| Dimension | Star Marking | Load Speed Index | Loads per Tyre in Kilograms and Inflation in Bar | | | | | | | | | | |
|---------------------|--------------|------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | 4.50 | 4.75 | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 |
| 33.00 R 51 Tubeless | ** | 235B | 27250 | 29000 | 30000 | 30750 | 32500 | 33500 | 34500 | 35600 | 36500 | 37500 | 38750 |
| 37.00 R 57 Tubeless | ** | 245B | 37500 | 38750 | 40000 | 41250 | 43750 | 45000 | 46250 | 47500 | 48750 | 50000 | 51500 |



RL-4H

150-level radial rock tyre with long, even wear having a flat tread design for optimized footprint and load distribution.

- Solid centerline section for high-torque applications, longer wear and smooth ride
- 150-level tread depth offers 50% deeper tread than standard E-3 for long wear
- Tyre available in multiple tread compounds – Type 2 for long, high-speed applications, Type 3 for intermittent high-speed applications, Type 4 for standard haulage applications and Type 6 for abrasion resistance



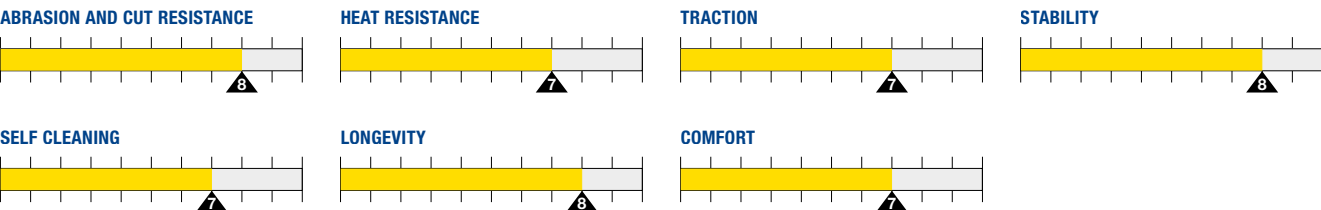
Engineering Data

| Dimension | Design Rim Width / Flange Height (inches) | Tread Depth (mm) | INFLATED DIMENSIONS | | LOADED TYRE | |
|---------------------|---|------------------|---------------------|-----------------------|---------------------------|----------------------------|
| | | | Overall Width (mm) | Overall Diameter (mm) | Static Loaded Radius (mm) | Rolling Circumference (mm) |
| 18.00 R 33 | 13.00 / 2.5 | 54 | 501 | 1871 | 866 | 5650 |
| 24.00 R 35 | 17.00 / 3.5 | 56 | 691 | 2190 | 1003 | 6579 |
| 27.00 R 49 | 19.50 / 4.0 | 64 | 752 | 2700 | 1237 | 8130 |
| 30.00 R 51 Tubeless | 22.00 / 4.5 | 70 | 856 | 2936 | 1334 | 8850 |
| 36.00 R 51 Tubeless | 26.00 / 5.0 | 85 | 1031 | 3261 | 1468 | 9804 |
| 37.00 R 57 Tubeless | 27.00 / 6.0 | 85 | 1072 | 3442 | 1547 | 10417 |

Loads and Inflation

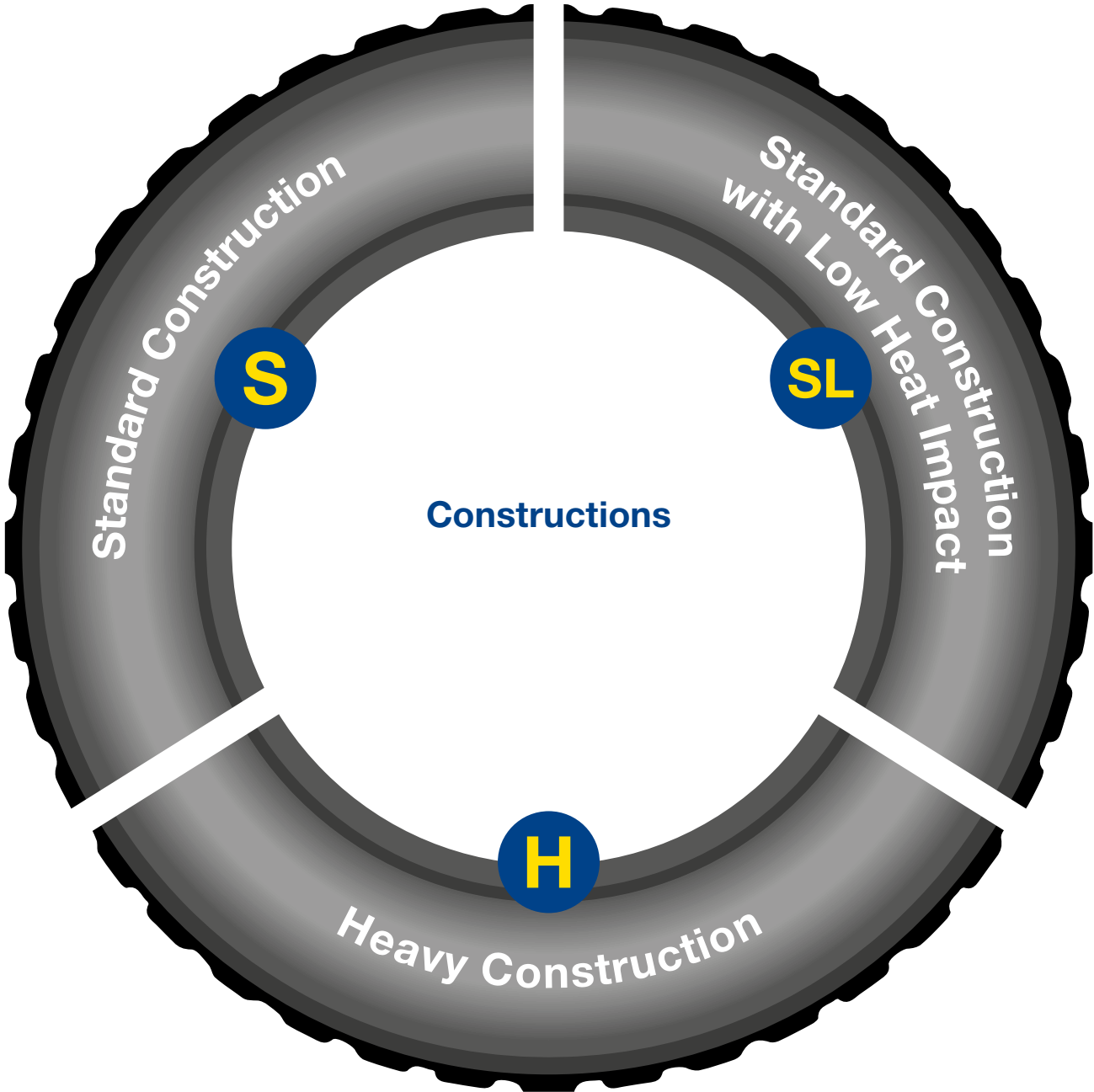
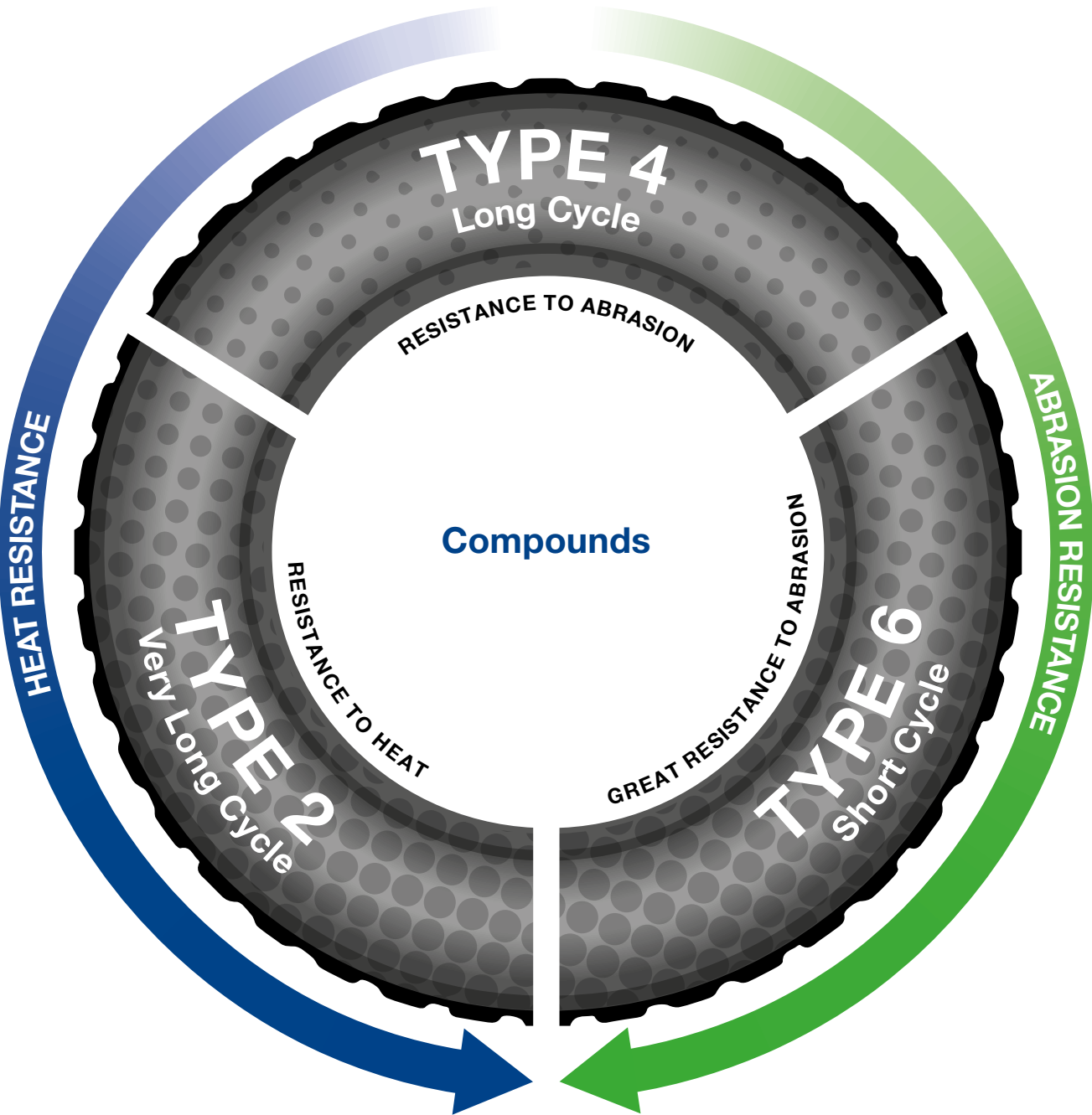
FOR TRANSPORT SERVICE AT 50KM/H MAXIMUM SPEED

| Dimension | Star Marking | Load Speed Index | Loads per Tyre in Kilograms and Inflation in Bar | | | | | | | | | | | | | | | |
|---------------------|--------------|------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | 4.50 | 4.75 | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 |
| 18.00 R 33 | *** | 195B | - | - | - | - | 9000 | 9250 | 9750 | 10000 | 10300 | 10600 | 10900 | 11200 | 11500 | 11800 | 11950 | 12150 |
| 24.00 R 35 | ** | 209B | - | - | - | - | 15500 | 16000 | 16500 | 17000 | 17500 | 18000 | 18500 | - | - | - | - | - |
| 27.00 R 49 | ** | 223B | - | - | - | - | 22400 | 23000 | 23600 | 25000 | 25750 | 26500 | 27250 | - | - | - | - | - |
| 30.00 R 51 Tubeless | ** | 230B | 23600 | 25000 | 25750 | 26500 | 28000 | 29000 | 30000 | 30750 | 31500 | 32500 | 33500 | - | - | - | - | - |
| 36.00 R 51 Tubeless | ** | 241B | 33500 | 35500 | 36500 | 37500 | 38750 | 40000 | 41250 | 42500 | 43750 | 45000 | 46250 | - | - | - | - | - |
| 37.00 R 57 Tubeless | ** | 245B | 37500 | 38750 | 40000 | 41250 | 43750 | 45000 | 46250 | 47500 | 48750 | 50000 | 51500 | - | - | - | - | - |





Specific compounds and constructions for every application.



Consult your Goodyear representative for additional information before making a compound and construction choice.



Goodyear haulage tyres for Articulated Dump Trucks.

Goodyear tyres for articulated dump trucks are specially designed to offer superior traction and resistance in the most severe applications while maintaining the highest level of manoeuvrability.

Haulage tyres for toughness and versatility

- Optimized tread pattern for increased traction and manoeuvrability
- Strong, reinforced sidewalls to increase protection against cuts on tough terrain
- Advanced compounds to guarantee performance on all types of soil

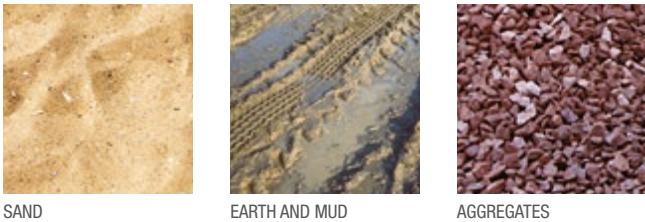




TL-3A+

Radial traction tyre with 25% more tread depth for superior traction and ride in soft soil and loose underfoot conditions.

- Computer-engineered lug design helps reduce vibration and offer excellent traction
- 125-level tread depth, 25% deeper than standard E-3, for long wear, greater cut resistance and enhanced traction
- Ultra-wide tread arc width helps provide enhanced forward and lateral traction and flotation



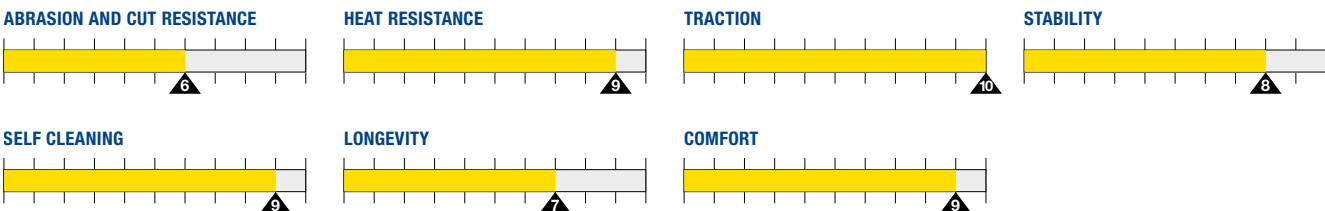
Engineering Data

| Dimension | Design Rim Width / Flange Height (inches) | Tread Depth (mm) | INFLATED DIMENSIONS | | LOADED TYRE | |
|-------------|---|------------------|---------------------|-----------------------|---------------------------|----------------------------|
| | | | Overall Width (mm) | Overall Diameter (mm) | Static Loaded Radius (mm) | Rolling Circumference (mm) |
| 17.5 R 25 | 14.00 / 1.5 | 36 | 454 | 1354 | 619 | 4038 |
| 20.5 R 25 | 17.00 / 2.0 | 40 | 545 | 1476 | 655 | 4449 |
| 23.5 R 25 | 19.50 / 2.5 | 42 | 620 | 1625 | 717 | 4898 |
| 750/65 R 25 | 24.00 / 3.0 | 46 | 775 | 1628 | 712 | 4878 |
| 26.5 R 25 | 22.00 / 3.0 | 46 | 681 | 1753 | 770 | 5284 |
| 29.5 R 25 | 25.00 / 3.5 | 47 | 788 | 1880 | 834 | 5667 |

Loads and Inflation

FOR ARTICULATED DUMP TRUCK AT 50KM/H REFERENCE SPEED

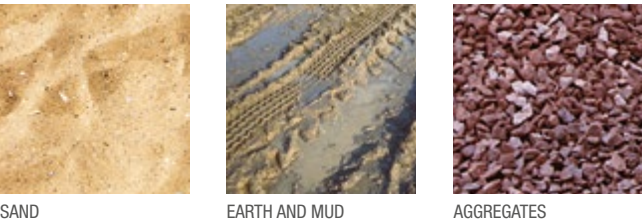
| Dimension | Star Marking | Load Speed Index | Loads per Tyre in Kilograms and Inflation in Bar | | | | | | | | | | | | |
|-------------|--------------|------------------|--|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 | 3.25 | 3.50 | 3.75 | 4.00 | 4.25 | 4.50 | 4.75 | 5.00 |
| 17.5 R 25 | */** | 167B | - | - | - | - | - | - | - | 4125 | 4375 | 4625 | 4750 | 5000 | 5150 |
| 20.5 R 25 | */** | 177B | 4000 | 4375 | 4750 | 5000 | 5450 | 5800 | 6000 | 6300 | 6700 | 6900 | 7300 | 7500 | 8000 |
| 23.5 R 25 | */** | 185B | 5000 | 5450 | 6000 | 6300 | 6700 | 7300 | 7500 | 8000 | 8500 | 8750 | 9250 | 9500 | 10000 |
| 750/65 R 25 | ** | 190B | 6000 | 6500 | 7100 | 7750 | 8250 | 8750 | 9250 | 9750 | 10000 | 10600 | 11250 | 11650 | 12200 |
| 26.5 R 25 | */** | 193B | 6300 | 6900 | 7500 | 8000 | 8500 | 9000 | 9500 | 10000 | 10600 | 10900 | 11500 | 12150 | 12500 |
| 29.5 R 25 | ** | 200B | 7500 | 8250 | 9000 | 9500 | 10300 | 10900 | 11500 | 12150 | 12850 | 13200 | 14000 | 14500 | 15000 |



TL-3A / TL-4A

First-in-class traction tyre for Articulated Dump Trucks.

- E3 / E4 tyre with superior load capability
- Optimized tread pattern for increased versatility
- Wide pattern offering superb traction in the most challenging conditions



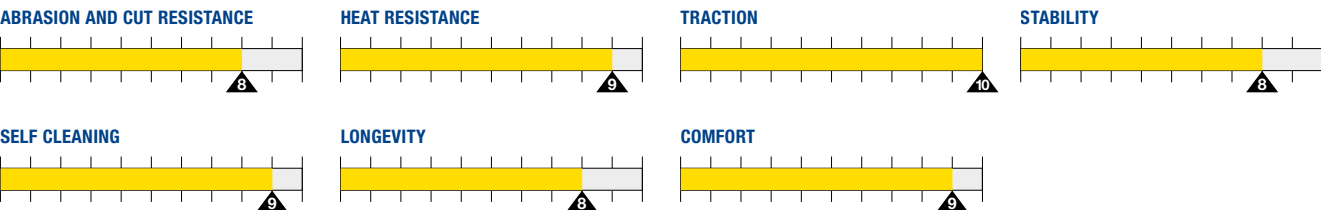
Engineering Data

| Engineering Data | | | INFLATED DIMENSIONS | | LOADED TYRE | |
|------------------|---|------------------|---------------------|-----------------------|---------------------------|----------------------------|
| Dimension | Design Rim Width / Flange Height (inches) | Tread Depth (mm) | Overall Width (mm) | Overall Diameter (mm) | Static Loaded Radius (mm) | Rolling Circumference (mm) |
| TL-3A | | | | | | |
| 33.25 R 29 | 27.00 / 3.5 | 45 | 864 | 2088 | 915 | 6297 |
| TL-4A | | | | | | |
| 33.25 R 29 | 27.00 / 3.5 | 64 | 864 | 2088 | 915 | 6297 |

Loads and Inflation

FOR ARTICULATED DUMP TRUCK AT 50 KM/H REFERENCE SPEED

| Dimension | Star Marking | Load Speed Index | Loads per Tyre in Kilograms and Inflation in Bar | | | | | | |
|------------|--------------|------------------|--|-------|-------|-------|-------|-------|-------|
| | | | 3.75 | 4.00 | 4.25 | 4.50 | 4.75 | 5.00 | 5.25 |
| 33.25 R 29 | ** | 209B | 14000 | 15000 | 15500 | 16500 | 17000 | 17500 | 18500 |





GP-3D

Radial tyre with extra tread depth for use on articulated truck dump trucks for greater mobility.

- 65-Series profile for high flotation to improve stability and reduced ground pressure
- Ultra-wide tread arc width for added sidewall protection, greater flotation and traction along with longer tread life
- Multi-directional tread design for high fore and lateral traction



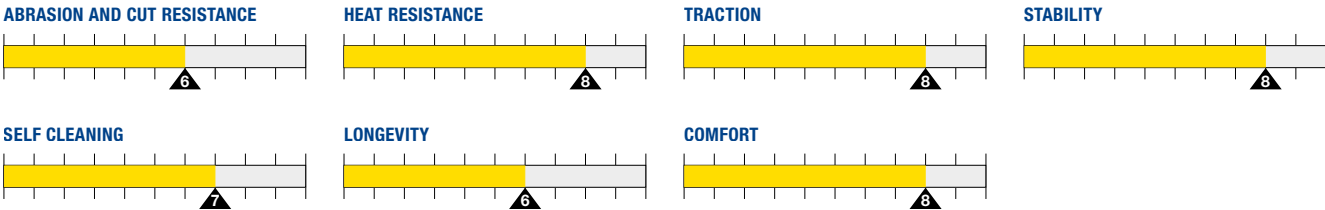
Engineering Data

| Dimension | Design Rim Width / Flange Height (inches) | Tread Depth (mm) | INFLATED DIMENSIONS | | LOADED TYRE | |
|-------------|---|------------------|---------------------|-----------------------|---------------------------|----------------------------|
| | | | Overall Width (mm) | Overall Diameter (mm) | Static Loaded Radius (mm) | Rolling Circumference (mm) |
| 650/65 R 25 | 19.50 / 2.5 | 35 | 680 | 1490 | 645 | 4494 |

Loads and Inflation

FOR ARTICULATED DUMP TRUCK AT 50 KM/H REFERENCE SPEED

| Dimension | Star Marking | Load Speed Index | Loads per Tyre in Kilograms and Inflation in Bar | | | | | | | | | |
|-------------|--------------|------------------|--|------|------|------|------|------|------|------|------|------|
| | | | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 | 3.25 | 3.50 | 3.75 | 4.00 | 4.25 |
| 650/65 R 25 | **/** | 180B | - | 4875 | 5300 | 5600 | 6000 | 6500 | 6900 | 7100 | 7500 | 8000 |



GP-4D

Highly versatile tyre for use on articulated dump trucks in a wide range of applications.

- 150-level tread depth for enhanced mud and soft soil traction and extended tread life
- 100-level OD for no interference on tandem axles
- Centreline riding lugs for good lateral traction, long wear and smooth ride
- Massive shoulder blocks for higher resistance to impacts and abrasion



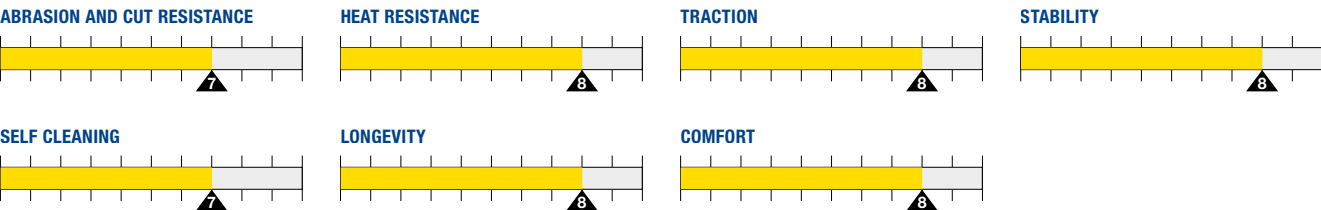
Engineering Data

| Dimension | Design Rim Width / Flange Height (inches) | Tread Depth (mm) | INFLATED DIMENSIONS | | LOADED TYRE | |
|-------------|---|------------------|---------------------|-----------------------|---------------------------|----------------------------|
| | | | Overall Width (mm) | Overall Diameter (mm) | Static Loaded Radius (mm) | Rolling Circumference (mm) |
| 20.5 R 25 | 17.00 / 2.0 | 52 | 536 | 1495 | 677 | 4506 |
| 23.5 R 25 | 19.50 / 2.5 | 55 | 632 | 1618 | 735 | 4880 |
| 26.5 R 25 | 22.00 / 3.0 | 55 | 701 | 1748 | 783 | 5269 |
| 775/65 R 29 | 24.00 / 3.0 | 53 | 792 | 1749 | 772 | 5272 |
| 875/65 R 29 | 27.00 / 3.0 | 57 | 861 | 1880 | 830 | 5666 |
| 29.5 R 25 | 25.00 / 3.5 | 57 | 775 | 1870 | 836 | 5637 |

Loads and Inflation

FOR ARTICULATED DUMP TRUCK AT 50KM/H REFERENCE SPEED

| Dimension | Star Marking | Load Speed Index | Loads per Tyre in Kilograms and Inflation in Bar | | | | | | | |
|-------------|--------------|------------------|--|-------|-------|-------|-------|-------|-------|-------|
| | | | 2.75 | 3.00 | 3.25 | 3.50 | 3.75 | 4.00 | 4.25 | 4.50 |
| 20.5 R 25 | **/** | 177B | 5000 | 5450 | 5800 | 6000 | 6300 | 6700 | 6900 | 7300 |
| 23.5 R 25 | **/** | 185B | 6300 | 6700 | 7300 | 7500 | 8000 | 8500 | 8750 | 9250 |
| 26.5 R 25 | **/** | 193B | 8000 | 8500 | 9000 | 9500 | 10000 | 10600 | 10900 | 11500 |
| 775/65 R 29 | ** | 195B | 9250 | 9750 | 10300 | 10900 | 11500 | 12150 | 12850 | - |
| 875/65 R 29 | ** | 203B | 11200 | 11800 | 12500 | 13200 | 14000 | 14500 | 15500 | - |
| 29.5 R 25 | ** | 200B | 9500 | 10300 | 10900 | 11500 | 12150 | 12850 | 13200 | 14000 |





A complete range for all applications.

Goodyear offers a wide selection of specially constructed tyres for tough applications. Offering high-strength casings, tough tread compounds and a diverse range of tread designs for individual applications. An optimized treadwear, traction and cut resistance will help you reduce downtime and lower your operating costs.

Robust tyres for underground applications

- High-strength casings offer superior resistance to cuts and impact damage
- Tough tread compounds offer exceptional abrasion resistance to greatly increase treadwear and resist cuts and snags
- A wide selection of tread designs offers the traction and toughness required for specific applications
- Large footprint area helps enhance traction and mobility
- Tough casings help provide stability to help handle heavy payloads
- Reinforced sidewalls help resist punctures and damage

Radial stability and traction for wheel loaders and graders

- Large footprint area helps enhance traction and mobility
- Tough casings help provide stability to help handle heavy payloads
- Reinforced sidewalls help resist punctures and damage



A reinforced casing allows to carry up to 25% more load than a non Hi-Stability tyre, in the same conditions.

Dedicated mainly to highly severe applications on loaders.



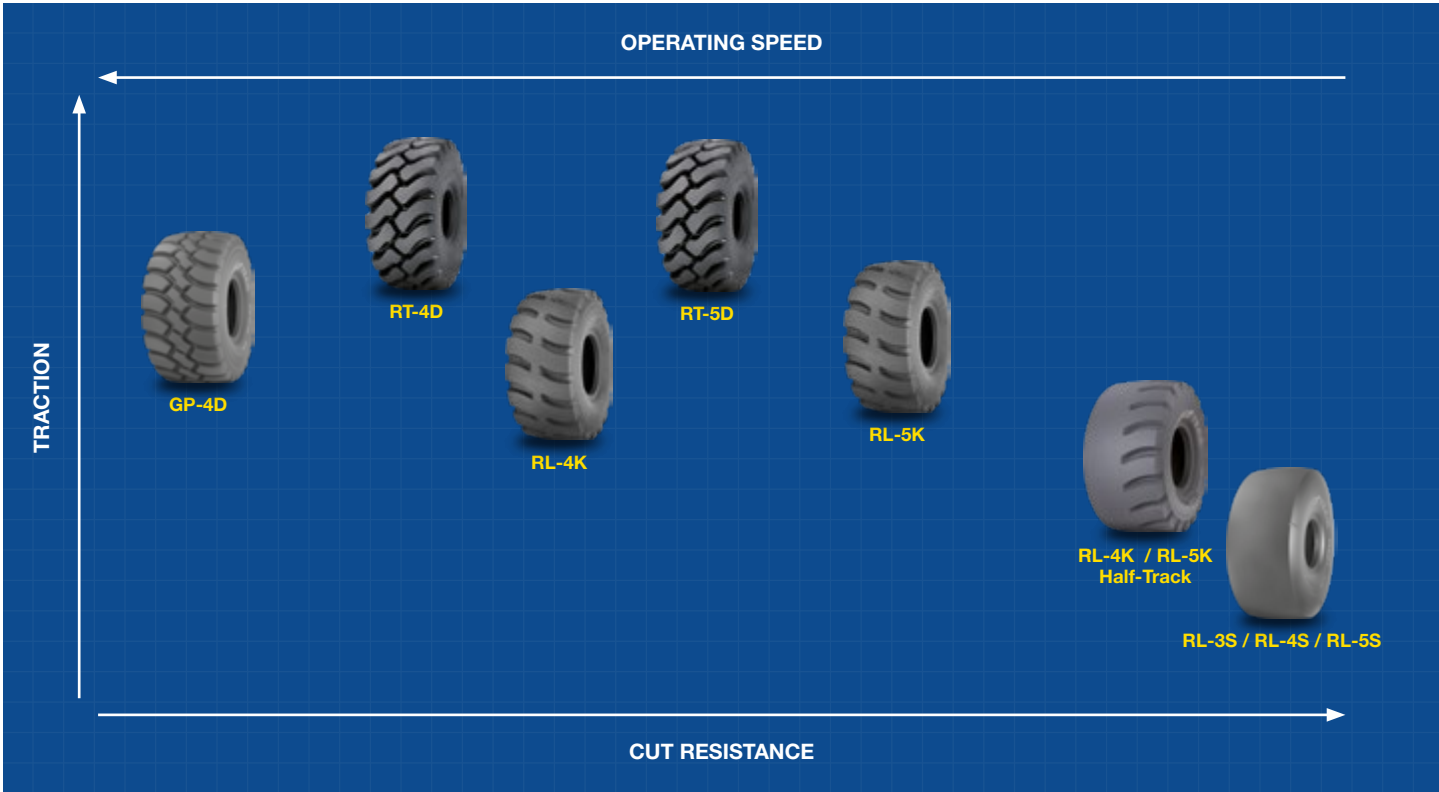
Wheel Loader



Grader



Underground








RT-3B

A Strong choice for use on rough terrain.

- Multiple steel belts to help save you downtime and money by resisting rock cuts and penetrations
- Wide tread width improves mobility and gives a more stable, comfortable ride
- All-steel radial construction helps resist heat build up offering the best compromise between stability and versatility






Engineering Data

| Dimension | Design Rim Width / Flange Height (inches) | Tread Depth (mm) | INFLATED DIMENSIONS | | LOADED TYRE | |
|---|---|------------------|---------------------|-----------------------|---------------------------|----------------------------|
| | | | Overall Width (mm) | Overall Diameter (mm) | Static Loaded Radius (mm) | Rolling Circumference (mm) |
| 17.5 R 25 | 14.00 / 1.5 | 29 | 460 | 1351 | 603 | 4072 |
| 20.5 R 25 | 17.00 / 2.0 | 33 | 538 | 1481 | 651 | 4464 |
| 23.5 R 25  | 19.50 / 2.5 | 36 | 620 | 1605 | 718 | 4837 |
| 26.5 R 25  | 22.00 / 3.0 | 40 | 695 | 1741 | 766 | 5263 |
| 29.5 R 25  | 25.00 / 3.5 | 44 | 787 | 1858 | 809 | 5560 |

Loads and Inflation

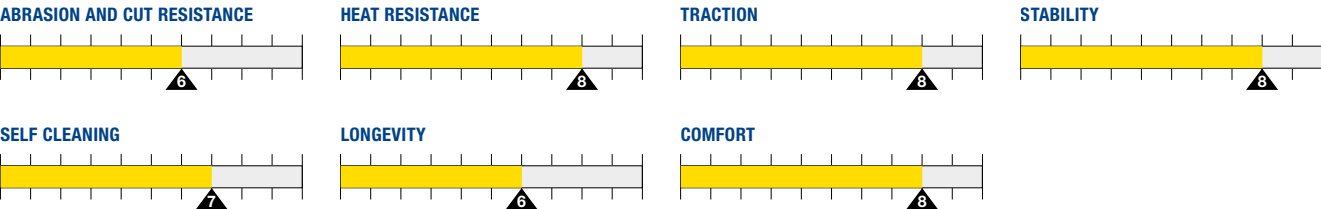
FOR LOADER/DOZER SERVICE AT 10KM/H REFERENCE SPEED

| Dimension | Star Marking | Load Speed Index | Loads per Tyre in Kilograms and Inflation in Bar | | | | | | | | | | | | | | | | | | |
|---|--------------|------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 | 3.25 | 3.50 | 3.75 | 4.00 | 4.25 | 4.50 | 4.75 | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 |
| 17.5 R 25 | * | 176A2 | 3650 | 4000 | 4250 | 4625 | 4850 | 5300 | 5600 | 5800 | 6000 | 6150 | 6500 | 6700 | 7100 | - | - | - | - | - | - |
| 20.5 R 25 | * | 186A2 | 4750 | 5150 | 5600 | 6000 | 6300 | 6700 | 7100 | 7500 | 8000 | 8250 | 8750 | 9000 | 9500 | - | - | - | - | - | - |
| 23.5 R 25 | * | 195A2 | 6000 | 6500 | 7100 | 7750 | 8250 | 8750 | 9250 | 9750 | 10300 | 10600 | 11200 | 11500 | 12150 | - | - | - | - | - | - |
| 23.5 R 25  | ** | 201A2 | 6000 | 6500 | 7100 | 7750 | 8250 | 8750 | 9250 | 9750 | 10300 | 10600 | 11200 | 11500 | 12150 | 12500 | 12850 | 13200 | 13600 | 14000 | 14500 |
| 26.5 R 25 | * | 202A2 | 7500 | 8250 | 9000 | 9500 | 10300 | 10900 | 11500 | 12150 | 12850 | 13200 | 14000 | 14500 | 15000 | - | - | - | - | - | - |
| 26.5 R 25  | ** | 209A2 | 7500 | 8250 | 9000 | 9500 | 10300 | 10900 | 11500 | 12150 | 12850 | 13200 | 14000 | 14500 | 15000 | 15500 | 16000 | 16500 | 17000 | 18000 | 18500 |
| 29.5 R 25  | ** | 216A2 | 9000 | 10000 | 10900 | 11500 | 12500 | 13200 | 14000 | 14500 | 15500 | 16000 | 17000 | 17500 | 18000 | 19000 | 19500 | 20000 | 20600 | 21200 | 22400 |

Loads and Inflation

FOR GRADER SERVICE AT 40KM/H REFERENCE SPEED

| Dimension | Star Marking | Load Speed Index | Loads per Tyre in Kilograms and Inflation in Bar | | | | |
|-----------|--------------|------------------|--|------|------|------|------|
| | | | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 |
| 17.5 R 25 | * | 176A2 | 2575 | 2900 | 3075 | 3350 | 3650 |
| 20.5 R 25 | * | 186A2 | 3450 | 3825 | 4125 | 4375 | 4625 |
| 23.5 R 25 | ** | 201A2 | 4500 | 4875 | 5300 | 5600 | 6000 |











RT-4D / RT-5D

Rock-traction design engineered for the most severe working conditions.

- The innovative tread design delivers high protection against impact and shocks, outstanding traction performance and longevity in the ‘front of quarry’ application, in difficult industrial operations as well as in recycling
- The Hi-Stability carcass technology contributes to the extension of tyre life in aggressive environments, protecting the sidewall and offering a robust bead area to carry up to 25% more load per cycle (vs non Hi-Stability carcass)
- The wide and massive non directional tread enables the transport of heavy loads like block handling
- Vibrations on hard surfaces are reduced by 30% (vs. RT-5C pattern) giving operators the most comfortable working conditions



Engineering Data

| Engineering Data | | | INFLATED DIMENSIONS | | LOADED TYRE | |
|---|---|------------------|---------------------|-----------------------|---------------------------|----------------------------|
| Dimension | Design Rim Width / Flange Height (inches) | Tread Depth (mm) | Overall Width (mm) | Overall Diameter (mm) | Static Loaded Radius (mm) | Rolling Circumference (mm) |
| RT-4D | | | | | | |
| 875/65 R 33  | 28.00 / 3.5 | 65 | 889 | 2080 | 938 | 6142 |
| RT-5D | | | | | | |
| 20.5 R 25  | 17.00 / 2.0 | 78 | 554 | 1534 | 693 | 4630 |
| 23.5 R 25  | 19.50 / 2.5 | 80 | 623 | 1654 | 747 | 4985 |
| 26.5 R 25  | 22.00 / 3.0 | 88 | 703 | 1783 | 803 | 5374 |
| 29.5 R 25  | 25.00 / 3.5 | 97 | 795 | 1926 | 851 | 5809 |
| 875/65 R 33  | 28.00 / 3.5 | 98 | 889 | 2080 | 937 | 6142 |



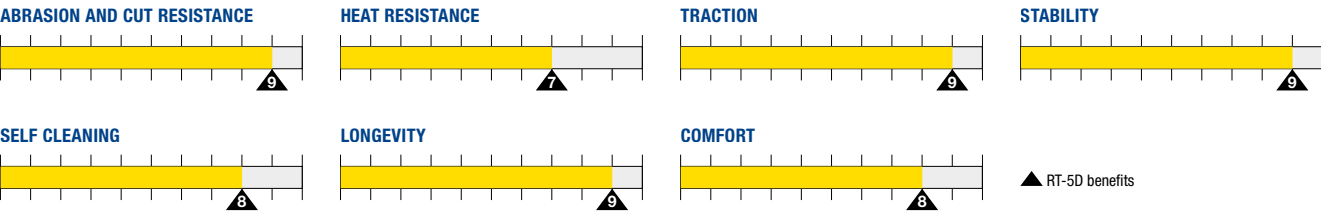
Loads and Inflation

FOR LOADER/DOZER SERVICE AT 10KM/H REFERENCE SPEED

| Dimension | Star Marking | Load Speed Index | Loads per Tyre in Kilograms and Inflation in Bar | | | | | | | |
|-------------|--------------|------------------|--|-------|-------|-------|-------|-------|-------|-------|
| | | | 4.00 | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 |
| 20.5 R 25 | ** | 193A2 | 8000 | 9500 | 9750 | 10000 | 10300 | 10900 | 11200 | 11500 |
| 23.5 R 25 | ** | 201A2 | 10300 | 12150 | 12500 | 12850 | 13200 | 13600 | 14000 | 14500 |
| 26.5 R 25 | ** | 209A2 | 12850 | 15000 | 15500 | 16000 | 16500 | 17000 | 18000 | 18500 |
| 29.5 R 25 | ** | 216A2 | 15500 | 18000 | 19000 | 19500 | 20000 | 20600 | 21200 | 22400 |
| 875/65 R 33 | ** | 224A2 | 19500 | 23600 | 24300 | 25000 | 25750 | 26500 | 27250 | 28000 |

FOR GRADER SERVICE AT 40KM/H REFERENCE SPEED

| Dimension | Star Marking | Load Speed Index | Loads per Tyre in Kilograms and Inflation in Bar | | | | |
|-----------|--------------|------------------|--|------|------|------|------|
| | | | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 |
| 20.5 R 25 | ** | 193A2 | 3450 | 3825 | 4125 | 4375 | 4625 |
| 23.5 R 25 | ** | 201A2 | 4500 | 4875 | 5300 | 5600 | 6000 |

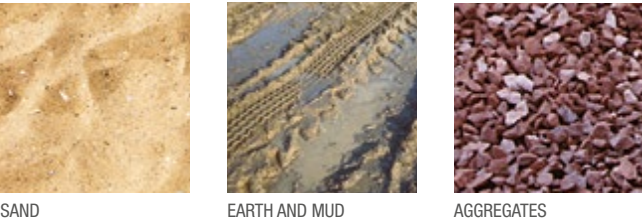





TL-3A+

Radial tyre design with extra tread depth for superior traction and ride in soft soil and loose underfoot conditions without compromising comfort.

- Computer-engineered lug design helps reduce vibration and offer excellent traction
- 125-level tread depth, 25% deeper than standard E-3, for long wear, greater cut resistance and enhanced traction
- Ultra-wide tread arc width helps provide enhanced forward and lateral traction and flotation




Engineering Data

| Dimension | Design Rim Width / Flange Height (inches) | Tread Depth (mm) | INFLATED DIMENSIONS | | LOADED TYRE | |
|---|---|------------------|---------------------|-----------------------|---------------------------|----------------------------|
| | | | Overall Width (mm) | Overall Diameter (mm) | Static Loaded Radius (mm) | Rolling Circumference (mm) |
| 17.5 R 25 | 14.00 / 1.5 | 36 | 454 | 1354 | 604 | 4038 |
| 20.5 R 25 | 17.00 / 2.0 | 40 | 545 | 1476 | 655 | 4449 |
| 23.5 R 25 | 19.50 / 2.5 | 42 | 620 | 1625 | 717 | 4898 |
| 750/65 R 25 | 24.00 / 3.0 | 46 | 775 | 1628 | 712 | 4878 |
| 26.5 R 25 | 22.00 / 3.0 | 46 | 681 | 1753 | 770 | 5284 |
| 29.5 R 25  | 25.00 / 3.5 | 47 | 788 | 1880 | 834 | 5667 |

Loads and Inflation

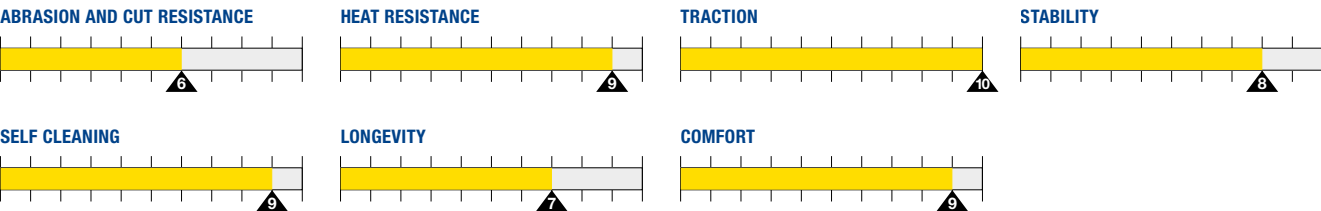
FOR LOADER/DOZER SERVICE AT 10KM/H REFERENCE SPEED

| Dimension | Star Marking | Load Speed Index | Loads per Tyre in Kilograms and Inflation in Bar | | | | | | | | | | | | | | | | | | |
|---|--------------|------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 | 3.25 | 3.50 | 3.75 | 4.00 | 4.25 | 4.50 | 4.75 | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 |
| 17.5 R 25 | */** | 176A2 | 3650 | 4000 | 4250 | 4625 | 4850 | 5300 | 5600 | 5800 | 6000 | 6150 | 6500 | 6700 | 7100 | - | - | - | - | - | - |
| 20.5 R 25 | */** | 186A2 | 4750 | 5150 | 5600 | 6000 | 6300 | 6700 | 7100 | 7500 | 8000 | 8250 | 8750 | 9000 | 9500 | - | - | - | - | - | - |
| 23.5 R 25 | */** | 195A2 | 6000 | 6500 | 7100 | 7750 | 8250 | 8750 | 9250 | 9750 | 10300 | 10600 | 11200 | 11500 | 12150 | - | - | - | - | - | - |
| 750/65 R 25 | */** | 202A2 | 8250 | 9000 | 9750 | 10300 | 11200 | 12000 | 12500 | 13200 | 14000 | 14500 | 15000 | 15500 | 16500 | - | - | - | - | - | - |
| 26.5 R 25 | */** | 202A2 | 7500 | 8250 | 9000 | 9500 | 10300 | 10900 | 11500 | 12150 | 12850 | 13200 | 14000 | 14500 | 15000 | - | - | - | - | - | - |
| 29.5 R 25  | */** | 216A2 | 9000 | 10000 | 10900 | 11500 | 12500 | 13200 | 14000 | 14500 | 15500 | 16000 | 17000 | 17500 | 18000 | 19000 | 19500 | 20000 | 20600 | 21200 | 22400 |

Loads and Inflation

FOR GRADER SERVICE AT 40KM/H REFERENCE SPEED

| Dimension | Star Marking | Load Speed Index | Loads per Tyre in Kilograms and Inflation in Bar | | | | | |
|-----------|--------------|------------------|--|------|------|-------|------|------|
| | | | 1.75 | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 |
| 17.5 R 25 | */** | 176A2 | - | - | 2900 | 3,075 | 3350 | 3650 |
| 20.5 R 25 | */** | 177B | 3150 | 3450 | 3825 | 4125 | 4375 | 4625 |
| 23.5 R 25 | */** | 185B | 4000 | 4500 | 4875 | 5300 | 5600 | 6000 |





GP-3D

Multi-purpose tyre with extra tread depth for increased wheel loader mobility.

- 65-Series profile for high flotation to improve stability and reduced ground pressure
- Ultra-wide tread arc width for added sidewall protection, greater flotation and traction along with longer tread life
- Multi-directional tread design for high fore and lateral traction



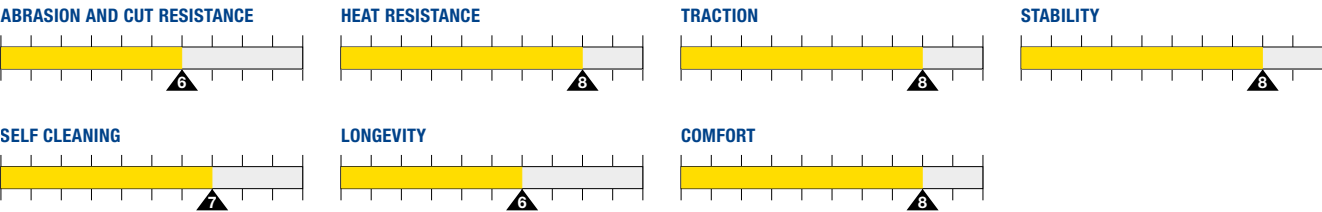
Engineering Data

| Dimension | Design Rim Width / Flange Height (inches) | Tread Depth (mm) | INFLATED DIMENSIONS | | LOADED TYRE | |
|-------------|---|------------------|---------------------|-----------------------|---------------------------|----------------------------|
| | | | Overall Width (mm) | Overall Diameter (mm) | Static Loaded Radius (mm) | Rolling Circumference (mm) |
| 600/65 R 25 | 17.00 / 2.0 | 33 | 594 | 1439 | 634 | 4340 |
| 650/65 R 25 | 19.50 / 2.5 | 35 | 680 | 1490 | 645 | 4494 |

Loads and Inflation

FOR LOADER/DOZER SERVICE AT 10 KM/H REFERENCE SPEED

| Dimension | Star Marking | Load Speed Index | Loads per Tyre in Kilograms and Inflation in Bar | | | | | | | | |
|-------------|--------------|------------------|--|------|------|------|------|------|-------|-------|-------|
| | | | 2.00 | 2.25 | 2.50 | 3.00 | 3.50 | 4.00 | 4.50 | 4.75 | 5.00 |
| 600/65 R 25 | */** | 187A2 | 4625 | 5150 | 5600 | 6500 | 7300 | 8250 | 9000 | 9500 | 9750 |
| 650/65 R 25 | */** | 193A2 | 5800 | 6300 | 3700 | 7750 | 8750 | 9500 | 10600 | 10900 | 11500 |



GP-4D

Highly versatile tyre for use in a wide range of applications.

- 150-level tread depth for enhanced mud and soft soil traction and extended tread life
- Multi-directional tread design and centreline riding lugs for good lateral traction, long wear and smooth ride
- Massive shoulder blocks for higher resistance to impacts and abrasion






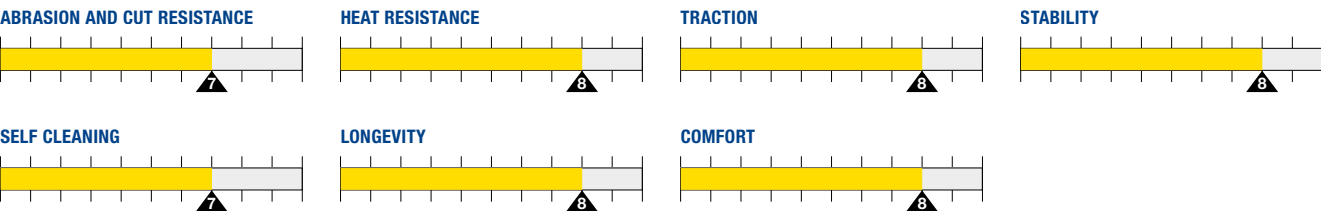
Engineering Data

| Dimension | Design Rim Width / Flange Height (inches) | Tread Depth (mm) | INFLATED DIMENSIONS | | LOADED TYRE | |
|-------------|---|------------------|---------------------|-----------------------|---------------------------|----------------------------|
| | | | Overall Width (mm) | Overall Diameter (mm) | Static Loaded Radius (mm) | Rolling Circumference (mm) |
| 20.5 R 25 | 17.00 / 2.0 | 52 | 536 | 1495 | 665 | 4506 |
| 23.5 R 25 | 19.50 / 2.5 | 55 | 632 | 1618 | 710 | 4880 |
| 26.5 R 25 | 22.00 / 3.0 | 55 | 701 | 1748 | 783 | 5269 |
| 775/65 R 29 | 24.00 / 3.0 | 53 | 792 | 1749 | 754 | 5272 |
| 875/65 R 29 | 27.00 / 3.0 | 57 | 861 | 1880 | 830 | 5666 |
| 29.5 R 25 | 25.00 / 3.5 | 57 | 775 | 1870 | 820 | 5637 |

Loads and Inflation

FOR LOADER/DOZER SERVICE AT 10KM/H REFERENCE SPEED

| Dimension | Star Marking | Load Speed Index | Loads per Tyre in Kilograms and Inflation in Bar | | | | | | | | | | | | | | | | | | |
|---|--------------|------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 | 3.25 | 3.50 | 3.75 | 4.00 | 4.25 | 4.50 | 4.75 | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 |
| 20.5 R 25 | */** | 186A2 | 4750 | 5150 | 5600 | 5950 | 6300 | 6700 | 7100 | 7550 | 8000 | 8375 | 8750 | 9125 | 9500 | - | - | - | - | - | - |
| 23.5 R 25 | */** | 195A2 | 6000 | 6500 | 7100 | 7750 | 8250 | 8750 | 9250 | 9750 | 10300 | 10600 | 11200 | 11500 | 12150 | - | - | - | - | - | - |
| 26.5 R 25 | */** | 202A2 | 7500 | 8250 | 9000 | 9500 | 10300 | 10900 | 11500 | 12150 | 12850 | 13200 | 14000 | 14500 | 15000 | - | - | - | - | - | - |
| 775/65 R 29  | ** | 213A2 | 9250 | 10000 | 10600 | 11200 | 12050 | 12850 | 13200 | 14000 | 14500 | 15500 | 16000 | 17000 | 17500 | 18000 | 19000 | 19500 | 20000 | 20600 | - |
| 875/65 R 29  | ** | 221A2 | 11500 | 12500 | 13200 | 14000 | 15000 | 16000 | 16500 | 17500 | 18500 | 19500 | 20000 | 21200 | 21800 | 22400 | 23600 | 24300 | 25000 | 25750 | - |
| 29.5 R 25  | ** | 216A2 | 9000 | 10000 | 10900 | 11500 | 12500 | 13200 | 14000 | 14500 | 15500 | 16000 | 17000 | 17500 | 18000 | 19000 | 19500 | 20000 | 20600 | 21200 | 22400 |

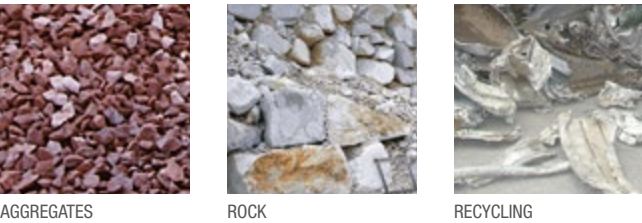




RL-4K / RL-5K

Rock-lug tyres, specifically designed for wheel loader applications in severe service conditions.

- Multi-directional tread design, specially developed for wheel loader applications
- The massive blocks and deep tread pattern are highly effective in the most abrasive & aggressive applications
- The RL-5K is recommended for severe applications such as ‘front of quarry’, difficult industrial operations, underground operations as well as recycling



Engineering Data

| Engineering Data | | | INFLATED DIMENSIONS | | LOADED TYRE | |
|--|---|------------------|---------------------|-----------------------|---------------------------|----------------------------|
| Dimension | Design Rim Width / Flange Height (inches) | Tread Depth (mm) | Overall Width (mm) | Overall Diameter (mm) | Static Loaded Radius (mm) | Rolling Circumference (mm) |
| RL-4K | | | | | | |
| 14.00 R 24 | Coming soon | | | | | |
| 20.5 R 25  | 17.00 / 2.0 | 50 | 554 | 1534 | 693 | 4623 |
| 23.5 R 25  | 19.50 / 2.5 | 54 | 623 | 1654 | 747 | 4985 |
| 26.5 R 25  | 22.00 / 3.0 | 53 | 703 | 1783 | 803 | 5374 |
| 29.5 R 25  | 25.00 / 3.5 | 57 | 805 | 1920 | 839 | 5780 |
| 875/65 R 33  | 28.00 / 3.5 | 58 | 905 | 2079 | 937 | 6266 |
| RL-5K | | | | | | |
| 14.00 R 24  | 10.00W | 64 | 381 | 1417 | 660 | 4273 |
| 17.5 R 25  | 14.00 / 1.5 | 64 | 452 | 1398 | 624 | 4251 |
| 18.00 R 25  | 13.00 / 2.5 | 78 | 513 | 1671 | 776 | 5036 |
| 20.5 R 25  | 17.00 / 2.0 | 71 | 554 | 1534 | 693 | 4623 |
| 23.5 R 25  | 19.50 / 2.5 | 79 | 623 | 1654 | 747 | 4985 |
| 26.5 R 25  | 22.00 / 3.0 | 87 | 703 | 1783 | 803 | 5374 |
| 29.5 R 25  | 25.00 / 3.5 | 97 | 805 | 1920 | 861 | 5786 |
| 29.5 R 29  | 25.00 / 3.5 | 95 | 764 | 2024 | 890 | 6097 |
| 875/65 R 33  | 28.00 / 3.5 | 95 | 905 | 2079 | 937 | 6266 |
| 1150/65 R 39  | 36.00 / 4.5 | 118 | 1143 | 2578 | 1140 | 7770 |
| 1150/65 R 45  | 36.00 / 4.5 | 118 | 1143 | 2737 | 1218 | 8249 |

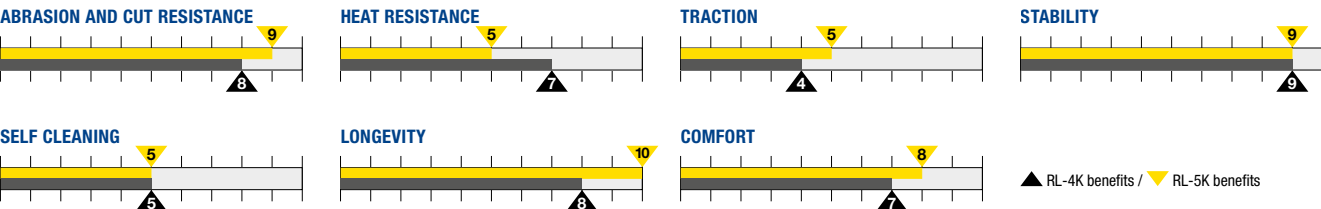
Loads and Inflation

FOR LOADER/DOZER SERVICE AT 10KM/H REFERENCE SPEED

| Dimension | Star Marking | Load Speed Index | Loads per Tyre in Kilograms and Inflation in Bar | | | | | | | | |
|--------------|--------------|------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | 4.50 | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 8.25 |
| 14.00 R 24 | ***/* | | Coming soon | | | | | | | | |
| 17.5 R 25 | ** | 182A2 | 6500 | 7100 | 7300 | 7500 | 7750 | 8000 | 8250 | 8500 | - |
| 18.00 R 25 | ** | 204A2 | 10000 | 10900 | 11200 | 11800 | 12150 | 12500 | 12850 | 13200 | 16000 |
| 20.5 R 25 | ** | 193A2 | - | 9500 | 9750 | 10000 | 10300 | 10900 | 11200 | 11500 | - |
| 23.5 R 25 | ** | 201A2 | 11200 | 12150 | 12500 | 12850 | 13200 | 13600 | 14000 | 14500 | - |
| 23.5 R 25 | *** | 206A2 | - | - | 12500 | 12850 | 13200 | 13600 | 14000 | 14500 | - |
| 26.5 R 25 | ** | 209A2 | 14000 | 15000 | 15500 | 16000 | 16500 | 17000 | 18000 | 18500 | - |
| 875/65 R 33 | ** | 223A2 | - | 22400 | 23000 | 23600 | 24300 | 25000 | 26500 | 27250 | - |
| 1150/65 R 39 | ** | 242A2 | - | 40000 | 41250 | 42500 | 43750 | 45000 | 46250 | 47500 | - |
| 1150/65 R 45 | ** | 245A2 | - | 42500 | 43750 | 45000 | 47500 | 48750 | 50000 | 51500 | - |
| 29.5 R 25 | ** | 216A2 | - | 18000 | 19000 | 19500 | 20000 | 20600 | 21200 | 22400 | - |

FOR GRADER SERVICE AT 40KM/H REFERENCE SPEED

| Dimension | Star Marking | Load Speed Index | Loads per Tyre in Kilograms and Inflation in Bar | | | | |
|-----------|--------------|------------------|--|------|------|------|------|
| | | | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 |
| 17.5 R 25 | ** | 182A2 | 2575 | 2900 | 3075 | 3350 | 3650 |
| 20.5 R 25 | ** | 193A2 | 3450 | 3825 | 4125 | 4375 | 4625 |
| 23.5 R 25 | ** | 201A2 | 4500 | 4875 | 5300 | 5600 | 6000 |





RL-3S / RL-4S / RL-5S

Smooth, super extra tread, loader tyre for severe operating environments.

The RL-3S, RL-4S and RL-5S are level 115 (L3), level 150 (L4) and level 250 (L5) tyres, suitable for the most severe applications, such as ‘front of quarry’ and underground mining.

The RL-5S is also recommended for recycling and a fire retardant version is available to assist the steel industry with hot slag collection.

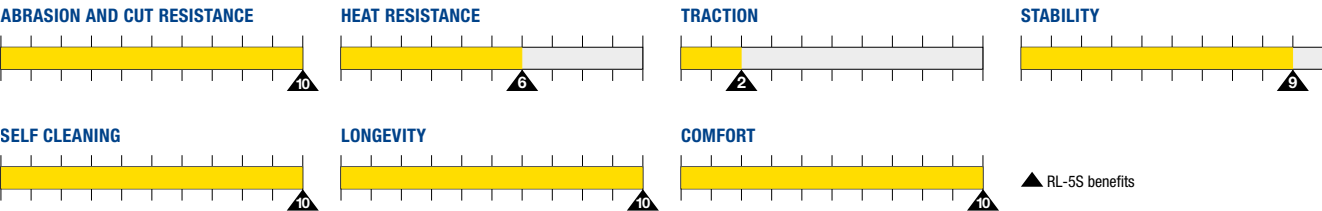


RL-3S / RL-4S / RL-5S









- High protection against impact, cuts and penetrations
- Increasing protection against abrasion and cuts (while selection goes from RL-3S to RL-5S)

RL-5S FR

- Available in size 26.5R25 only, this tyre features a Fire Retardant compound, offering increased protection against compound combustion
- The product is optimised to assist load & carry operations in hot slag











Engineering Data

| Engineering Data | | | INFLATED DIMENSIONS | | LOADED TYRE | |
|---|---|------------------|---------------------|-----------------------|---------------------------|----------------------------|
| Dimension | Design Rim Width / Flange Height (inches) | Tread Depth (mm) | Overall Width (mm) | Overall Diameter (mm) | Static Loaded Radius (mm) | Rolling Circumference (mm) |
| RL-3S | | | | | | |
| 20.5 R 25  | 17.00 / 2.0 | 28 | 554 | 1534 | 693 | 4623 |
| 23.5 R 25  | 19.50 / 2.5 | 32 | 623 | 1654 | 747 | 4985 |
| 26.5 R 25  | 22.00 / 3.0 | 44 | 707 | 1750 | 769 | 5275 |
| 26.5 R 29  | 22.00 / 3.0 | 44 | 737 | 1864 | 825 | 5617 |
| 875/65 R 33  | 28.00 / 3.5 | 48 | 912 | 2085 | 937 | 6263 |
| RL-4S | | | | | | |
| 14.00 R 24 | 10.00W | 38 | 396 | 1407 | 626 | 4243 |
| 29.5 R 25  | 25.00 / 3.5 | 57 | 805 | 1920 | 861 | 5786 |
| 875/65 R 33  | 28.00 / 3.5 | 57 | 904 | 2079 | 937 | 6270 |
| RL-5S | | | | | | |
| 14.00 R 24 | Coming soon | | | | | |
| 17.5 R 25  | 14.00 / 1.5 | 64 | 452 | 1398 | 624 | 4251 |
| 20.5 R 25  | 17.00 / 2.0 | 71 | 554 | 1534 | 693 | 4623 |
| 23.5 R 25  | 19.50 / 2.5 | 79 | 623 | 1654 | 747 | 4985 |
| 18.00 R 25  | 13.00 / 2.5 | 78 | 513 | 1748 | 776 | 5268 |
| 26.5 R 25  | 22.00 / 3.0 | 87 | 703 | 1783 | 803 | 5374 |
| 29.5 R 25  | 25.00 / 3.5 | 97 | 805 | 1920 | 861 | 5786 |
| 875/65 R 33  | 28.00 / 3.5 | 95 | 905 | 2079 | 937 | 6266 |
| RL-5S FR | | | | | | |
| 26.5 R 25  | 22.00 / 3.0 | 87 | 703 | 1783 | 803 | 5374 |

Loads and Inflation

FOR LOADER/DOZER SERVICE AT 10KM/H REFERENCE SPEED

| Dimension | Star Marking | Load Speed Index | Loads per Tyre in Kilograms and Inflation in Bar | | | | | | | | |
|---|--------------|------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | 4.75 | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 8.25 |
| 14.00 R 24 | *** | 188A2 | 6300 | 6500 | 6700 | 6900 | 7100 | 7500 | 7750 | 8000 | 9500 |
| 17.5 R 25  | ** | 182A2 | 6700 | 7100 | 7300 | 7500 | 7750 | 8000 | 8250 | 8500 | - |
| 20.5 R 25  | ** | 193A2 | 9000 | 9500 | 9750 | 10000 | 10300 | 10900 | 11200 | 11500 | - |
| 23.5 R 25  | ** | 201A2 | 11500 | 12150 | 12500 | 12850 | 13200 | 13600 | 14000 | 14500 | - |
| 18.00 R 25  | ** | 204A2 | 10000 | 10900 | 11200 | 11800 | 12150 | 12500 | 12850 | 13200 | 16000 |
| 26.5 R 25  | ** | 209A2 | 14500 | 15000 | 15500 | 16000 | 16500 | 17000 | 18000 | 18500 | - |
| 29.5 R 25  | ** | 216A2 | 17500 | 18000 | 19000 | 19500 | 20000 | 20600 | 21200 | 22400 | - |
| 26.5 R 29  | ** | 211A2 | 15500 | 16000 | 16500 | 17500 | 18000 | 18500 | 19000 | 19500 | - |
| 875/65 R 33  | ** | 224A2 | - | 23600 | 24300 | 25000 | 25750 | 26500 | 27250 | 28000 | - |



RL-5K Half-Track

The RL-5K Half-Track is a tyre which offer an increased resistance to cuts and penetrations.

- Asymmetric tread designs, engineered for wheel loader applications
- The tyres offer an increase in protection against cuts and material impact to perform at the highest level even the most severe applications such as ‘front of quarry’, underground operations and recycling
- To maximise protection, the tyres should be mounted on to the vehicle with the smooth half on the outside
- Extra robustness might be an alternative to chains*

* Contact your Goodyear sales representative for more information.



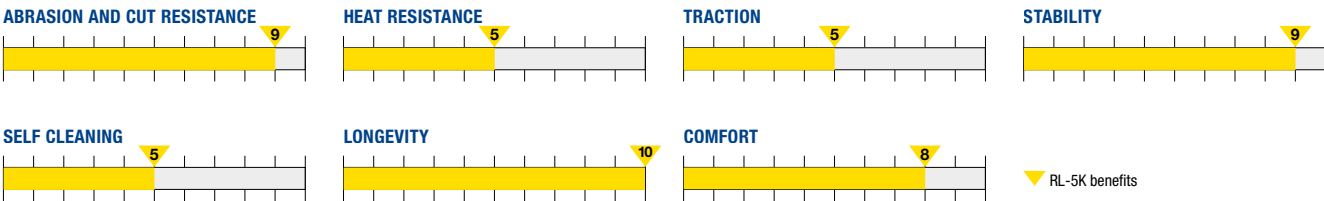
AGGREGATES



ROCK



RECYCLING



To maximise protection, the tyres should be mounted onto the vehicle with the smooth half on the outside.

Outwards

Maximum protection against cuts, impacts and punctures.



Inwards

Slotted additional shoulders on one side for traction when needed.

Engineering Data

| Dimension | Design Rim Width / Flange Height (inches) | Tread Depth (mm) | INFLATED DIMENSIONS | | LOADED TYRE | |
|-------------|---|------------------|---------------------|-----------------------|---------------------------|----------------------------|
| | | | Overall Width (mm) | Overall Diameter (mm) | Static Loaded Radius (mm) | Rolling Circumference (mm) |
| 17.5 R 25 | 14.00 / 1.5 | 64 | 452 | 1398 | 624 | 4251 |
| 23.5 R 25 | 19.50 / 2.5 | 79 | 623 | 1654 | 747 | 4985 |
| 18.00 R 25 | 13.00 / 2.5 | 78 | 513 | 1671 | 776 | 5036 |
| 26.5 R 25 | 22.00 / 3.0 | 87 | 703 | 1783 | 803 | 5374 |
| 29.5 R 25 | 25.00 / 3.5 | 97 | 805 | 1920 | 861 | 5786 |
| 875/65 R 33 | 28.00 / 3.5 | 95 | 905 | 2079 | 937 | 6266 |

Loads and Inflation

FOR LOADER/DOZER SERVICE AT 10KM/H REFERENCE SPEED

| Dimension | Star Marking | Load Speed Index | Loads per Tyre in Kilograms and Inflation in Bar | | | | | | | | |
|-------------|--------------|------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | 4.50 | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 8.25 |
| 17.5 R 25 | ** | 182A2 | 6500 | 7100 | 7300 | 7500 | 7750 | 8000 | 8250 | 8500 | - |
| 23.5 R 25 | ** | 201A2 | 11200 | 12150 | 12500 | 12850 | 13200 | 13600 | 14000 | 14500 | - |
| 23.5 R 25 | *** | 206A2 | - | - | 12500 | 12850 | 13200 | 13600 | 14000 | 14500 | - |
| 18.00 R 25 | ** | 204A2 | 10000 | 10900 | 11200 | 11800 | 12150 | 12500 | 12850 | 13200 | 16000 |
| 26.5 R 25 | ** | 209A2 | 14000 | 15000 | 15500 | 16000 | 16500 | 17000 | 18000 | 18500 | - |
| 29.5 R 25 | ** | 216A2 | - | 18000 | 19000 | 19500 | 20000 | 20600 | 21200 | 22400 | - |
| 875/65 R 33 | ** | 223A2 | - | 22400 | 23000 | 23600 | 24300 | 25000 | 26500 | 27250 | - |





Goodyear’s tyres for container handling and industrial use.

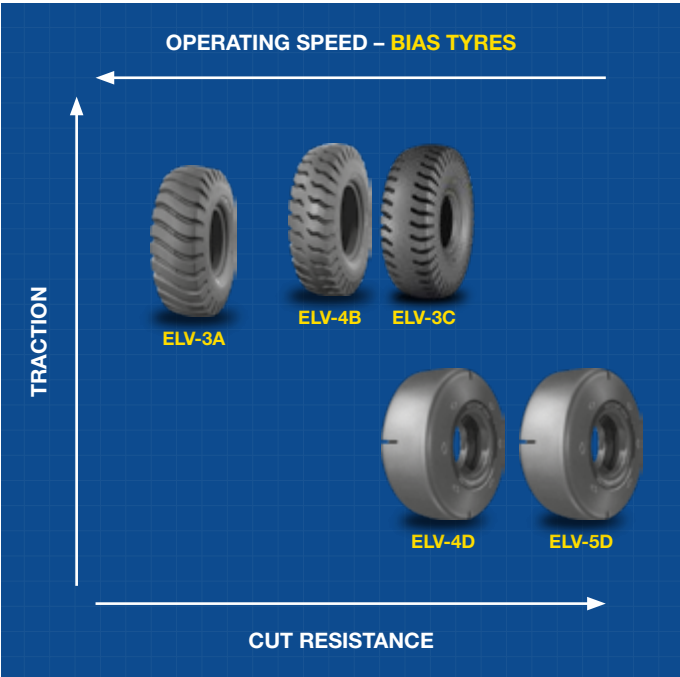
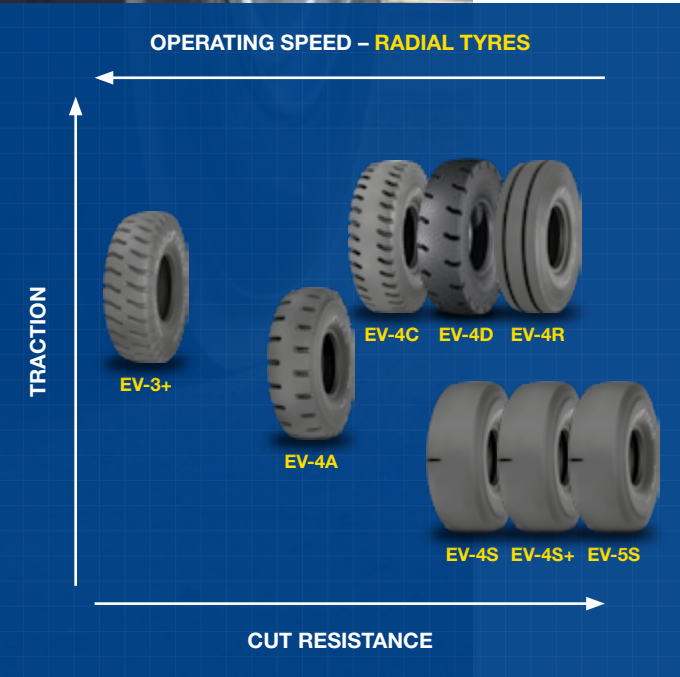
Goodyear’s selection of radial and bias tyres help to enhance the efficiency of industry handling applications in and around ports, intermodal platforms and other job sites. Offering outstanding strength, resistance to cuts and snags and long tread life, Goodyear industry handling tyres help reduce downtime and lower your cost of operation.

Radial selection – Port and Container application

- Offers strong performance for container handlers, reach stackers, straddle carriers, gantry cranes and other similar equipment
- Strong, reinforced sidewalls help resist cuts and snags in harsh operating environments
- Offers outstanding cut and puncture resistance and enhanced retreadability
- Enlarged beads offer outstanding stability, especially in high-reach situations
- Large, rectangular footprints help reduce unit ground pressure for superb mobility

Bias selection – Industrial application

- Goodyear’s advanced bias-ply construction offers outstanding dampening and stability in lifting mode
- Large bead areas, far above industry standards, lessen side sway for steady performance
- Thick, tough sidewalls help resist punctures and extend tread life while offering the ability to support heavy loads





Radial Tyres

Radial tyres for Container Handling and Industrial use.

- Extra strong radial carcass for heavy loads
- Excellent stability
- Special tread compound for long lasting treadwear and low cost per hour



EV-4C EV-4R EV-4D



EV-4S / EV-4S+ / EV-5S EV-3+

Engineering Data

| Dimension | Tube | Pattern | Design Rim Width / Flange Height (inches) | Tread Depth (mm) | INFLATED DIMENSIONS | | LOADED TYRE | |
|-------------|-----------|---------|---|------------------|---------------------|-----------------------|---------------------------|----------------------------|
| | | | | | Overall Width (mm) | Overall Diameter (mm) | Static Loaded Radius (mm) | Rolling Circumference (mm) |
| 14.00 R 24 | Tube Type | EV-4S | 10.00 | 38*/49 | 396 | 1407 | 626 | 4243 |
| 14.00 R 24 | Tubeless | EV-4C | 10.00 | 64 | 396 | 1416 | 630 | 4270 |
| 14.00 R 24 | Tubeless | EV-4R | 10.00 | 64 | 396 | 1416 | 630 | 4270 |
| 14.00 R 25 | Tubeless | EV-4S | 10.00 | 38*/48 | 396 | 1407 | 626 | 4243 |
| 14.00 R 24 | Tubeless | EV-4S+ | 10.00 | 64 | 396 | 1416 | 630 | 4270 |
| 16.00 R 25 | Tubeless | EV-3R | 11.25-25 / 2.0 | 38 | 430 | 1532 | 678 | 4618 |
| 16.00 R 25 | Tubeless | EV-4C | 11.25 / 2.0 | 50 | 430 | 1532 | 673 | 4618 |
| 16.00 R 25 | Tubeless | EV-4R | 11.25 / 2.0 | 50 | 430 | 1532 | 673 | 4618 |
| 16.00 R 25 | Tubeless | EV-4S | 11.25 / 2.0 | 46*/50 | 430 | 1532 | 673 | 4618 |
| 480/95 R 25 | Tubeless | EV-3R | 13.00 / 2.5 | 38 | 446 | 1532 | 680 | 4570 |
| 480/95 R 25 | Tubeless | EV-4C | 13.00 / 2.5 | 50 | 446 | 1532 | 682 | 4570 |
| 480/95 R 25 | Tubeless | EV-4R | 13.00 / 2.5 | 50 | 446 | 1532 | 682 | 4570 |
| 18.00 R 25 | Tubeless | EV-3+ | 13.00 / 2.5 | 42 | 511 | 1640 | 709 | 4943 |
| 18.00 R 25 | Tubeless | EV-4D | 13.00 / 2.5 | 64 | 495 | 1668 | 735 | 5068 |
| 18.00 R 25 | Tubeless | EV-4K | 13.00 / 2.5 | 54 | 513 | 1671 | 735 | 5040 |
| 18.00 R 25 | Tubeless | EV-4R | 13.00 / 2.5 | 58 | 495 | 1668 | 735 | 5068 |
| 18.00 R 25 | Tubeless | EV-4S | 13.00 / 2.5 | 56*/63 | 530 | 1674 | 735 | 5045 |
| 18.00 R 25 | Tubeless | EV-5S | 13.00 / 2.5 | 79*/90 | 530 | 1675 | 742 | 5048 |
| 18.00 R 33 | Tubeless | EV-3+ | 13.00 / 2.5 | 42 | 495 | 1824 | 841 | 5498 |
| 18.00 R 33 | Tubeless | EV-4D | 13.00 / 2.5 | 78 | 488 | 1854 | 829 | 5593 |
| 18.00 R 33 | Tubeless | EV-S4S | 13.00 / 2.5 | 56*/63 | 524 | 1868 | 828 | 5630 |

* Tread depth for retreading

Loads and Inflation

THESE LOADS ONLY APPLY TO DRIVE AXLES. FOR STEER AXLE, REDUCE THE LOAD CARRYING CAPACITY BY 20%

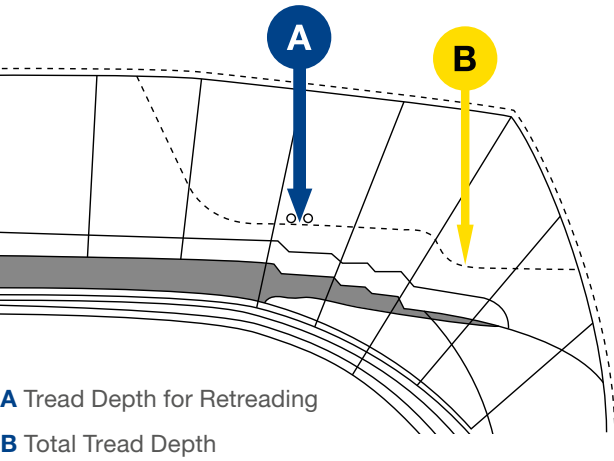
| Dimension | Star Marking | Load Speed Index | Inflation (Bar) | Loads per Tyre in Kilograms and Speed in Km/hour | | | | | | | | | Comments |
|-------------|--------------|------------------|-----------------|--|--------|--------|---------|---------|---------|---------|---------|---------|----------------------|
| | | | | 0 km/h | 1 km/h | 5 km/h | 10 km/h | 15 km/h | 20 km/h | 25 km/h | 30 km/h | 35 km/h | |
| 14.00 R 24 | *** | 188A2 | 10.0 | 18000 | 16000 | 14500 | 13500 | 13000 | 12700 | 12500 | 12200 | - | - |
| 14.00 R 24 | *** | 193A5 | 10.0 | 17370 | 14950 | 14950 | 14950 | 14950 | 14950 | 14950 | - | 14375 | - |
| 14.00 R 25 | *** | 188A5 | 10.0 | 18000 | 16000 | 14500 | 13500 | 13000 | 12700 | 12500 | 12200 | - | - |
| 16.00 R 25 | *** | 200A5 | 10.0 | 25200 | 22400 | 20300 | 18900 | 18200 | 17780 | 17500 | 17080 | - | - |
| 480/95 R 25 | *** | 206A5 | 10.0 | 30600 | 27200 | 24650 | 22950 | 22100 | 21590 | 21250 | 20740 | - | - |
| 18.00 R 25 | *** | 206A5 | 10.0 | 30600 | 27200 | 24650 | 22950 | 22100 | 21590 | 21250 | 20740 | - | - |
| 18.00 R 25 | *** | 207A5 | 10.0 | 31500 | 28000 | 25375 | 23625 | 22750 | 22225 | 21875 | 21350 | - | EV-4D and EV-4R only |
| 18.00 R 33 | *** | 211A5 | 10.0 | 35100 | 31200 | 28275 | 26325 | 25350 | 24765 | 24375 | 23790 | - | EV-3+ and EV-4S |
| 18.00 R 33 | *** | 214A5 | 10 | 38160 | 33920 | 30740 | 28620 | 27560 | 26924 | 26500 | - | 25228 | - |

LOAD CARRYING CAPACITY FOR STRADDLE CARRIERS ONLY

| Dimension | Loads per Tyre in Kilograms and Speed in Km/hour | | | | | | | | | |
|-------------|--|--------|--------|---------|---------|---------|---------|---------|---------|---------|
| | 0 km/h | 1 km/h | 5 km/h | 10 km/h | 15 km/h | 20 km/h | 25 km/h | 30 km/h | 35 km/h | 40 km/h |
| 14.00 R 24 | 18000 | 16000 | 14500 | 13500 | 13000 | 12700 | 12500 | 12200 | 11900 | 11700 |
| 16.00 R 25 | 23130 | 20560 | 18633 | 17348 | 16705 | 16320 | 16063 | 15677 | 15292 | 15035 |
| 480/95 R 25 | 24480 | 21760 | 19720 | 18360 | 17680 | 17340 | 17000 | 16490 | 16150 | 15810 |
| 18.00 R 25 | 25200 | 22400 | 20300 | 18900 | 18200 | 17850 | 17500 | 16975 | - | - |



How to Measure the Tread Depth of EV-4S / EV-5S & EV-S4S Tyres?



Goodyear is changing the development of their Earthmover tyres used in Industrial Applications to follow the design criteria of the ETRTO "Industrial and Lift Truck Tyres" division. As the reference speed specified for unloaded lift trucks is 25 km/h the speed marking of the tyres will change from A2 to A5. There will be no change to the previously approved load carrying capacities of the tyres.

Tyre loads only applicable when used on smooth, hard improved surface.

Load capacities for steer wheels to be deducted by 20%.

Contact your rim supplier regarding information on rim strength for inflation pressures exceeding 7 bar.

Please consult your Goodyear representative for additional information.



Bias Tyres

Bias tyres for Container Handling and Industrial use.

- Reinforced carcass
- Excellent stability
- Long lasting tread compound



ELV-3A ELV-3C ELV-4B ELV-4D / ELV-5D

Engineering Data

| Dimension | Tube | Pattern | Design Rim Width / Flange Height (inches) | Tread Depth (mm) | INFLATED DIMENSIONS | | LOADED TYRE | |
|------------|-----------|---------|---|------------------|---------------------|-----------------------|---------------------------|----------------------------|
| | | | | | Overall Width (mm) | Overall Diameter (mm) | Static Loaded Radius (mm) | Rolling Circumference (mm) |
| 14.00 – 24 | Tube Type | ELV-3A | 10.00 | 26 | 394 | 1384 | 632 | 4174 |
| 16.00 – 25 | Tubeless | ELV-3A | 11.25 / 2.0 | 29 | 442 | 1476 | 683 | 4566 |
| 18.00 – 25 | Tubeless | ELV-4B | 13.00 / 2.5 | 55 | 529 | 1671 | 761 | 5036 |
| 18.00 – 25 | Tubeless | ELV-4D | 13.00 / 2.5 | 60 | 518 | 1677 | 782 | 5154 |
| 18.00 – 25 | Tubeless | ELV-5D | 13.00 / 2.5 | 82 | 528 | 1673 | 776 | 5052 |
| 18.00 – 33 | Tubeless | ELV-4B | 13.00 / 2.5 | 55 | 516 | 1885 | 868 | 5319 |
| 21.00 – 25 | Tubeless | ELV-3C | 15.00 / 3.0 | 36 | 605 | 1753 | 793 | 5405 |

Loads and Inflation

THESE LOADS ONLY APPLY TO DRIVE AXLES. FOR STEER AXLE, REDUCE THE LOAD CARRYING CAPACITY BY 20%

| Dimension | Ply Rating | Inflation (Bar) | Loads per Tyre in Kilograms and Speed in Km/hour | | | | | | |
|------------|------------|-----------------|--|--------|--------|---------|---------|---------|---------|
| | | | 0 km/h | 1 km/h | 5 km/h | 10 km/h | 15 km/h | 20 km/h | 25 km/h |
| 14.00 – 24 | 28 | 10.0 | 17100 | 15200 | 13775 | 12825 | 12350 | 12065 | 11875 |
| 16.00 – 25 | 28 | 10.0 | 20700 | 18400 | 16675 | 15525 | 14950 | 14605 | 14375 |
| 18.00 – 25 | 40 | 10.0 | 28800 | 25600 | 23200 | 21600 | 20800 | 20320 | 20000 |
| 21.00 – 25 | 40 | 10.0 | 30900 | 26800 | 26800 | 26800 | 20600 | 20600 | 20600 |
| 18.00 – 33 | 36 | 10.0 | 33480 | 29760 | 26970 | 25110 | 24180 | 23622 | 23250 |

Tyre loads only applicable when used on smooth, hard improved surface.
Load capacities for steer wheels to be deducted by 20%.
Contact your rim supplier regarding information on rim strength for inflation pressures exceeding 7 bar.
Please consult your Goodyear representative for additional information.



| | | | | | | |
|-----------------|------------------|------------------------|-------------------------------------|-------------------|-----------------------------|---------------------|
| Application Map | Rigid Dump Truck | Articulated Dump Truck | Wheel Loader / Grader / Underground | Port & Industrial | OE Pressure Recommendations | General Information |
|-----------------|------------------|------------------------|-------------------------------------|-------------------|-----------------------------|---------------------|

OE Pressure Recommendations



OE Pressure Recommendations for VOLVO

Tyres for VOLVO
Wheel Loaders



TYRE RATING

| | RT-3B 115 (L3) | GP-3D 115 (L3) | TL-3A+ 125 (L3+) | GP-4D 150 (L4) | RL-4K 150 (L4) | RL-5K 250 (L5) | RT-4D 150 (L4) | RT-5D 250 (L5) |
|-----------------------------|-------------------|-------------------|---------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Abrasion and Cut Resistance | 7 | 7 | 6 | 7 | 8 | 9 | 9 | 9 |
| Heat Resistance | 8 | 8 | 9 | 8 | 7 | 5 | 8 | 7 |
| Traction | 8 | 8 | 10 | 8 | 4 | 5 | 9 | 9 |
| Stability | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 |
| Self Cleaning | 7 | 7 | 9 | 7 | 5 | 5 | 8 | 8 |
| Longevity | 6 | 6 | 7 | 8 | 8 | 10 | 8 | 9 |
| Comfort | 8 | 8 | 9 | 8 | 7 | 8 | 8 | 8 |

INFLATION
RECOMMEN-
DATION
(Bar)

| MODELS | DIMENSION | | | | | | | | | FRONT | REAR |
|-----------------------|-------------|------|--|------|------|------|------|--|------|-------------|------|
| L 45H | 17.5 R 25 | | | | | | | | | 3.00 | 2.50 |
| L 50H | 17.5 R 25 | | | | | | | | | 3.50 | 2.50 |
| L 60H | 17.5 R 25 | | | | | | | | | 4.75 | 3.25 |
| | 20.5 R 25 | | | | | | | | | 3.25 | 2.00 |
| | 600/65 R 25 | | | | | | | | | 2.75 | 2.00 |
| L 70H | 20.5 R 25 | | | | | | | | | 3.75 | 2.25 |
| | 600/65 R 25 | | | | | | | | | 3.25 | 2.00 |
| L 90H | 20.5 R 25 | | | | | | | | | 4.25 | 2.75 |
| | 650/65 R 25 | | | | | | | | | 4.00 | 2.50 |
| L 110H | 23.5 R 25 | | | | | | | | | 4.00 | 2.50 |
| | 750/65 R 25 | | | | | | | | | 3.00 | 2.00 |
| L 120H | 23.5 R 25 | | | | | | | | | 4.25 | 2.75 |
| | 750/65 R 25 | | | | | | | | | 3.25 | 2.25 |
| L 150H | 26.5 R 25 | | | | | | | | | 4.25 | 2.75 |
| | 775/65 R 29 | | | | | | | | | 3.25 | 2.00 |
| L 180H | 26.5 R 25 | 5.00 | | 5.00 | 5.00 | 5.25 | 5.25 | | 5.25 | 5.00 / 5.25 | 3.75 |
| | 775/65 R 29 | | | | | | | | | 4.00 | 2.50 |
| L 180H – High Lift | 775/65 R 29 | | | | | | | | | 7.50 | 5.50 |
| | 875/65 R 29 | | | | | | | | | 7.00 | 5.00 |
| L 220H | 29.5 R 25 | | | | | | | | | 5.00 | 3.00 |
| | 875/65 R 29 | | | | | | | | | 3.75 | 2.25 |
| L 250H | 29.5 R 25 | | | | | | | | | 5.50 | 4.00 |
| L 260H | 875/65 R 29 | | | | | | | | | 4.00 | 2.50 |
| L 250G LC | 29.5 R 25 | | | | | | | | | 6.25 | 5.00 |
| L 350F | 875/65 R 33 | | | | | | | | | 6.50 | 4.50 |
| L 350H | 875/65 R 33 | | | | | | | | | 6.50 | 4.50 |

Replacement market only – ask for availability

OE Pressure Recommendations for VOLVO

Tyres for VOLVO
Articulated Dump Trucks



TYRE RATING

| | TL-3A+ 125 (L3+) | TL-4A 150 (E4) | GP-4D 150 (L4) |
|-----------------------------|---------------------|-------------------|-------------------|
| Abrasion and Cut Resistance | 6 | 6 | 7 |
| Heat Resistance | 9 | 8 | 8 |
| Traction | 10 | 10 | 8 |
| Stability | 8 | 8 | 8 |
| Self Cleaning | 9 | 9 | 7 |
| Longevity | 7 | 9 | 8 |
| Comfort | 9 | 9 | 8 |

| MODELS | DIMENSION | | | FRONT | CENTRE & REAR |
|-----------|-------------------|-------|--|-------|---------------|
| A 25E 4x4 | 23.5 R 25 (front) | | | 4.25 | – |
| | 29.5 R 25 (rear) | | | – | 5.00 |
| A 25G | 23.5 R 25 | | | 3.75 | 4.00 |
| | 750/65 R 25 | | | 3.00 | 3.25 |
| A 30G | 23.5 R 25 | | | 4.00 | 4.75 |
| | 750/65 R 25 | | | 3.25 | 4.00 |
| A 35G | 26.5 R 25 | | | 3.75 | 4.75 |
| A 35G FS | 775/65 R 29 | | | 3.25 | 4.50 |
| A 40G | 29.5 R 25 | | | 3.00 | 4.25 |
| A 40G FS | 875/65 R 29 | | | 3.00 | 3.50 |
| A 45G | 29.5 R 25 | | | 3.00 | 4.25 |
| A 45G FS | 875/65 R 29 | | | 2.75 | 4.00 |
| A 60H | 33.25 R 29 | TL-3A | | 3.75 | 5.00 |

Replacement market only – ask for availability

INFLATION
RECOMMENDATION
(Bar)



Application Map

Rigid Dump Truck

Articulated Dump Truck

Wheel Loader / Grader / Underground

Port & Industrial

OE Pressure Recommendations

General Information

OE Pressure Recommendations for CATERPILLAR

Tyres for CATERPILLAR Wheel Loaders



TYRE RATING

| | GP-3D 115 (L3) | RT-3B 115 (L3) | TL-3A+ 125 (L3+) | GP-4D 150 (L4) | RL-4K 150 (L4) | RL-5K 250 (L5) | RT-4D 150 (L4) | RT-5D 250 (L5) |
|-----------------------------|-------------------|-------------------|---------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Abrasion and Cut Resistance | 7 | 7 | 6 | 7 | 8 | 9 | 9 | 9 |
| Heat Resistance | 8 | 8 | 9 | 8 | 7 | 5 | 8 | 7 |
| Traction | 8 | 8 | 10 | 8 | 4 | 5 | 9 | 9 |
| Stability | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 |
| Self Cleaning | 7 | 7 | 9 | 7 | 5 | 5 | 8 | 8 |
| Longevity | 6 | 6 | 8 | 8 | 8 | 10 | 8 | 9 |
| Comfort | 8 | 8 | 9 | 8 | 7 | 8 | 8 | 8 |

INFLATION
RECOMMENDATION
(Bar)

Tyres for SMALL Wheel Loaders

| MODELS | DIMENSION | | | | | | | | FRONT | REAR |
|--------|-------------|--|--|--|--|--|--|--|-------|------|
| 910M | 17.5R25 | | | | | | | | 3.75 | 2.75 |
| 914M | 17.5R25 | | | | | | | | 3.75 | 2.75 |
| 918M | 17.5 R 25 | | | | | | | | 3.75 | 2.75 |
| 926M | 17.5 R 25 | | | | | | | | 5.00 | 3.50 |
| | 20.5 R 25 | | | | | | | | 3.50 | 2.50 |
| 930M | 17.5 R 25 | | | | | | | | 5.00 | 3.25 |
| | 20.5 R 25 | | | | | | | | 3.50 | 2.50 |
| 938M | 20.5 R 25 | | | | | | | | 4.50 | 3.00 |
| | 650/65 R 25 | | | | | | | | 3.00 | 2.00 |

Tyres for MIDSIZE Wheel Loaders

| MODELS | DIMENSION | | | | | | | | FRONT | REAR |
|---------|-------------|--|--|--|--|--|--|--|-------|------|
| 950M | 23.5 R 25 | | | | | | | | 4.75 | 3.00 |
| | 750/65 R 25 | | | | | | | | 3.00 | 2.00 |
| 962M | 23.5 R 25 | | | | | | | | 4.75 | 3.00 |
| | 750/65 R 25 | | | | | | | | 3.25 | 2.25 |
| 966M | 26.5 R 25 | | | | | | | | 4.75 | 3.00 |
| 966M XE | 775/65 R 29 | | | | | | | | 3.75 | 2.50 |
| 972M | 26.5 R 25 | | | | | | | | 5.00 | 3.00 |
| 972M XE | 26.5 R 25 | | | | | | | | 5.00 | 3.00 |
| | 775/65 R 29 | | | | | | | | 4.00 | 2.50 |
| 980M | 29.5 R 25 | | | | | | | | 5.25 | 3.25 |
| | 875/65 R 29 | | | | | | | | 4.75 | 3.00 |
| 982M | 875/65 R 29 | | | | | | | | 4.75 | 3.00 |

Tyres for LARGE Wheel Loaders

| MODELS | DIMENSION | | | | | | | | LOADING | | LOAD & CARRY | |
|--------------------|---------------------------|--|--|--|--|--|--|--|---------|------|--------------|------|
| | | | | | | | | | FRONT | REAR | FRONT | REAR |
| 986K ¹⁾ | 875/65 R 33 | | | | | | | | 6.00 | 4.00 | 6.50 | 4.50 |
| 988K ¹⁾ | 875/65 R 33 | | | | | | | | 6.00 | 4.00 | 6.75 | 4.75 |
| 988K XE | 875/65 R 33 | | | | | | | | 6.50 | 4.50 | 7.00 | 5.50 |
| 990K | 1150/65 R 45 (45/65 R 45) | | | | | | | | 6.25 | 4.25 | Not Approved | |
| 992K | 1150/65 R 45 (45/65 R 45) | | | | | | | | 6.25 | 4.25 | 8.00 | 6.00 |

¹⁾ For Block Handling Arrangements, please contact your Goodyear Representatives for inflation pressure informations

Application Map

Rigid Dump Truck

Articulated Dump Truck

Wheel Loader / Grader / Underground

Port & Industrial

OE Pressure Recommendations

General Information

OE Pressure Recommendations for CATERPILLAR

Tyres for CATERPILLAR Rigid Dump Trucks



TYRE RATING

| | GP-4B 150 (E4) | RT-4A+ 150 (E4) | RL-4J 150 (E4) | RL-4 / RL-4H 150 (E4) | RL-4B 150 (E4) | RM-4A+ 170 (E4+) | RM-4B+ 170 (E4+) |
|-----------------------------|-------------------|--------------------|-------------------|--------------------------|-------------------|---------------------|---------------------|
| Abrasion and Cut Resistance | 7 | 8 | 9 | 9 | 7 | 9 | 9 |
| Heat Resistance | 7 | 8 | 7 | 7 | 7 | 8 | 8 |
| Traction | 6 | 8 | 6 | 7 | 7 | 6 | 6 |
| Stability | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| Self Cleaning | 8 | 8 | 7 | 7 | 7 | 7 | 7 |
| Longevity | 7 | 9 | 8 | 8 | 8 | 8 | 8 |
| Comfort | 8 | 8 | 8 | 8 | 7 | 9 | 9 |

| MODELS | DIMENSION | | | | | | | | FRONT | REAR |
|--------|------------|--|-------|--|--|--|--|--|-------|------|
| 770G | 18.00 R 33 | | RT-4A | | | | | | 8.50 | 8.00 |
| 772G | 21.00 R 33 | | | | | | | | 7.50 | 7.50 |
| 773G | 24.00 R 35 | | | | | | | | 7.00 | 7.00 |
| 775G | 24.00 R 35 | | | | | | | | 7.50 | 7.50 |
| 777G | 27.00 R 49 | | | | | | | | 7.50 | 7.50 |

INFLATION RECOMMENDATION (Bar)



OE Pressure Recommendations for CATERPILLAR

Tyres for CATERPILLAR
Articulated Dump Trucks



TYRE RATING

| | TL-3A+ 125 (L3+) | GP-4D 150 (L4) |
|-----------------------------|---------------------|-------------------|
| Abrasion and Cut Resistance | 6 | 7 |
| Heat Resistance | 9 | 8 |
| Traction | 10 | 8 |
| Stability | 8 | 8 |
| Self Cleaning | 9 | 7 |
| Longevity | 7 | 8 |
| Comfort | 9 | 8 |

| MODELS | DIMENSION | | | FRONT | REAR |
|-------------|-------------|--|--|-------|------|
| 725C2 | 23.5 R 25 | | | 3.50 | 3.75 |
| 730 | 23.5 R 25 | | | 4.00 | 4.50 |
| | 750/65 R 25 | | | 3.50 | 4.00 |
| 730 Ejector | 750/65 R 25 | | | 3.00 | 4.00 |
| 735 | 750/65 R 25 | | | 4.00 | 4.25 |
| 740GC | 29.5 R 25 | | | 4.00 | 3.75 |
| | 875/65 R 29 | | | 3.25 | 3.25 |
| 740 Ejector | 29.5 R 25 | | | 3.50 | 4.50 |
| | 875/65 R 29 | | | 3.00 | 3.75 |
| 745 | 29.5 R 25 | | | 4.00 | 4.00 |
| | 875/65 R 29 | | | 3.50 | 3.25 |

INFLATION
RECOMMENDATION
(Bar)



OE Pressure Recommendations for BELL

Tyres for BELL Articulated Dump Trucks



TYRE RATING

| | GP-3D 115 (E3) | | TL-3A+ 125 (L3+) | | GP-4D 150 (L4) | | RT-4A 170 (E4+) | | RM-4A+ 170 (E4+) | |
|-----------------------------|-------------------|--|---------------------|--|-------------------|--|--------------------|--|---------------------|--|
| | | | | | | | | | | |
| Abrasion and Cut Resistance | 6 | | 6 | | 7 | | 8 | | 9 | |
| Heat Resistance | 8 | | 9 | | 8 | | 8 | | 8 | |
| Traction | 7 | | 10 | | 8 | | 8 | | 6 | |
| Stability | 8 | | 8 | | 8 | | 8 | | 8 | |
| Self Cleaning | 7 | | 9 | | 7 | | 8 | | 7 | |
| Longevity | 6 | | 8 | | 8 | | 9 | | 8 | |
| Comfort | 8 | | 9 | | 8 | | 8 | | 9 | |

| MODELS | | DIMENSION | | INFLATION RECOMMENDATION (Bar) | | |
|--------|----------------|-----------|--|--------------------------------|------|------|
| B20E | 18t | 20.5R25 | | | 2.75 | 4.00 |
| | 19.8t | 20.5R25 | | | 2.75 | 4.25 |
| B25E | 6x4 Supertruck | 23.5R25 | | | 2.75 | 4.25 |
| | | 750/65R25 | | | 2.25 | 3.25 |
| B25E | 6x4 Supertruck | 20.5R25 | | | 3.75 | 5.00 |
| B30E | | 23.5R25 | | | 3.25 | 5.00 |
| | | 750/65R25 | | | 2.50 | 4.00 |
| B35E | | 26.5R25 | | | 4.25 | 4.75 |
| B40E | | 29.5R25 | | | 3.50 | 4.25 |
| | | 875/65R29 | | | 3.25 | 3.75 |
| B45E | | 29.5R25 | | | 3.75 | 4.50 |
| | | 875/65R29 | | | 3.25 | 4.00 |
| B50E | | 29.5R25 | | | 4.00 | 5.00 |
| | | 875/65R29 | | | 3.50 | 4.50 |
| B60E | | 875/65R29 | | | 4.00 | – |
| | | 24.00R35 | | | – | 7.25 |

INFLATION RECOMMENDATION (Bar)



OE Pressure Recommendations for KOMATSU

Tyres for KOMATSU
Wheel Loaders



TYRE RATING

| | RT-3B 115 (L3) | TL-3A+ 125 (L3+) | GP-3D 115 (L3) | GP-4D 150 (L4) | RT-4D 150 (L4) | RT-5D 250 (L5) | RL-4K 250 (L5) | RL-5K 250 (L5) |
|-----------------------------|-------------------|---------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | | | | | | | |
| Abrasion and Cut Resistance | 7 | 6 | 7 | 7 | 9 | 9 | 8 | 9 |
| Heat Resistance | 8 | 9 | 8 | 8 | 7,5 | 7 | 7 | 5 |
| Traction | 8 | 10 | 8 | 8 | 8,5 | 9 | 4 | 5 |
| Stability | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 |
| Self Cleaning | 7 | 9 | 7 | 7 | 8 | 8 | 5 | 5 |
| Longevity | 6 | 8 | 6 | 8 | 8 | 9 | 8 | 10 |
| Comfort | 8 | 9 | 7 | 8 | 8 | 8 | 7 | 8 |

INFLATION RECOMMEN-
DATION
(Bar)

| MODELS | | DIMENSION | | | | | | | | FRONT | REAR |
|---------|-------------|-----------|--|--|--|--|--|--|-----------|-------|------|
| WA200-8 | 17.5 R 25 | | | | | | | | (+ RL-5S) | 4.50 | 2.25 |
| | 20.5 R 25 | | | | | | | | | 3.00 | 2.00 |
| WA270-8 | 20.5 R 25 | | | | | | | | | 3.75 | 2.00 |
| WA320-8 | 20.5 R 25 | | | | | | | | | 4.50 | 2.25 |
| | 650/65 R 25 | | | | | | | | | 3.75 | 2.00 |
| WA380-8 | 23.5 R 25 | | | | | | | | | 4.50 | 2.50 |
| | 750/65 R 25 | | | | | | | | | 3.50 | 2.25 |
| WA470-8 | 26.5 R 25 | | | | | | | | | 4.50 | 2.50 |
| | 750/65 R 25 | | | | | | | | | 4.50 | 2.50 |
| | 775/65 R 29 | | | | | | | | | 4.00 | 2.25 |
| WA480-8 | 26.5 R 25 | | | | | | | | | 5.00 | 3.00 |
| | 750/65 R 25 | | | | | | | | | 5.00 | 3.00 |
| | 775/65 R 29 | | | | | | | | | 4.00 | 2.50 |
| WA500-8 | 29.5 R 25 | | | | | | | | | 5.75 | 3.50 |
| | 875/65 R 29 | | | | | | | | | 4.75 | 2.75 |
| WA600-8 | 875/65 R 33 | | | | | | | | | 7.50 | 5.50 |

Replacement market only – ask for availability

Application Map

Rigid Dump Truck

Articulated Dump Truck

Wheel Loader / Grader / Underground

Port & Industrial

OE Pressure Recommendations

General Information

OE Pressure Recommendations for KOMATSU

Tyres for KOMATSU Rigid Dump Trucks



TYRE RATING

| | RT-4A / RT-4A+ 150 (E4) / 170 (E4+) | | RL-4B 150 (E4) | | GP-4B 150 (E4) | | RL-4 / RL-4H 150 (E4) | | RM-4A+ 170 (E4+) | | RM-4B+ 170 (E4+) | |
|-----------------------------|--|--|-------------------|--|-------------------|--|--------------------------|--|---------------------|--|---------------------|--|
| Abrasion and Cut Resistance | 8 | | 7 | | 7 | | 9 | | 9 | | 9 | |
| Heat Resistance | 8 | | 7 | | 7 | | 7 | | 8 | | 7 | |
| Traction | 8 | | 7 | | 6 | | 7 | | 6 | | 6 | |
| Stability | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| Self Cleaning | 8 | | 7 | | 8 | | 7 | | 7 | | 7 | |
| Longevity | 9 | | 7 | | 7 | | 8 | | 8 | | 8 | |
| Comfort | 8 | | 8 | | 8 | | 8 | | 9 | | 8 | |

| MODELS | DIMENSION | | | | | | | INFLATION RECOMMENDATION (Bar) | |
|------------|------------|--|--|--|--|--|-------------------------|--------------------------------|------|
| HD325 – 8 | 18.00 R 33 | | | | | | | FRONT | REAR |
| HD405 – 8 | 21.00 R 33 | | | | | | | 7.00 | 7.00 |
| HD465 – 8 | 24.00 R 35 | | | | | | | 7.00 | 7.00 |
| HD605 – 8 | 24.00 R 35 | | | | | | | 7.50 | 7.50 |
| HD785 – 7 | 27.00 R 49 | | | | | | | 7.00 | 7.50 |
| HD1500 – 8 | 33.00 R 51 | | | | | | *** 3 star construction | 8.00 | 8.00 |

Tyres for KOMATSU Articulated Dump Trucks



TYRE RATING

| | TL-3A+ 125 (L3+) | | GP-4D 150 (L4) | |
|-----------------------------|---------------------|--|-------------------|--|
| Abrasion and Cut Resistance | 6 | | 7 | |
| Heat Resistance | 9 | | 8 | |
| Traction | 10 | | 8 | |
| Stability | 8 | | 8 | |
| Self Cleaning | 9 | | 7 | |
| Longevity | 7 | | 8 | |
| Comfort | 9 | | 8 | |

| MODELS | DIMENSION | | | FRONT | CENTER & REAR |
|------------|-----------|--|--|-------|---------------|
| HM 300 – 5 | 23.5 R 25 | | | 4.00 | 4.75 |
| HM 400 – 5 | 29.5 R 25 | | | 4.00 | 5.00 |

INFLATION RECOMMENDATION (Bar)



OE Pressure Recommendations for LIEBHERR

Tyres for LIEBHERR
Wheel Loaders



TYRE RATING

| | | | | | | | |
|-----------------------------|---|---|----|---|---|----|---|
| Abrasion and Cut Resistance | 7 | 7 | 6 | 7 | 8 | 9 | 9 |
| Heat Resistance | 8 | 8 | 9 | 8 | 7 | 5 | 7 |
| Traction | 8 | 8 | 10 | 8 | 4 | 5 | 9 |
| Stability | 8 | 8 | 8 | 8 | 9 | 9 | 9 |
| Self Cleaning | 7 | 7 | 9 | 7 | 5 | 5 | 8 |
| Longevity | 6 | 6 | 8 | 8 | 8 | 10 | 9 |
| Comfort | 8 | 8 | 9 | 8 | 7 | 8 | 8 |

INFLATION
RECOMMENDATION
(Bar)

| MODELS | DIMENSION | | | | | | | | FRONT | REAR |
|--|-------------|--|--|--|--|--|--|--|-------|------|
| L-514 IV | 17.5 R 25 | | | | | | | | 3.25 | 2.00 |
| L-518 | 17.5 R 25 | | | | | | | | 3.50 | 2.00 |
| L-526 P-Kin L-526 Z-Kin | 17.5 R 25 | | | | | | | | 5.00 | 3.50 |
| | 20.5 R 25 | | | | | | | | 3.50 | 2.50 |
| L-538 | 550/65 R 25 | | | | | | | | 4.00 | 2.75 |
| | 20.5 R 25 | | | | | | | | 3.75 | 2.00 |
| | 600/65 R 25 | | | | | | | | 3.50 | 2.00 |
| L-546 | 650/65 R 25 | | | | | | | | 3.00 | 2.00 |
| | 20.5 R 25 | | | | | | | | 3.75 | 2.00 |
| L-550 XPower | 600/65 R 25 | | | | | | | | 3.75 | 2.00 |
| | 650/65 R 25 | | | | | | | | 3.25 | 2.00 |
| | 23.5 R 25 | | | | | | | | 4.00 | 2.50 |
| L-550 XPower HKS L-550 XPower Holzgreifer | 650/65 R 25 | | | | | | | | 4.25 | 2.75 |
| | 23.5 R 25 | | | | | | | | 4.50 | 3.00 |
| | 650/65 R 25 | | | | | | | | 4.75 | 3.25 |
| L-556 XPower | 750/65 R 25 | | | | | | | | 3.50 | 2.00 |
| | 23.5 R 25 | | | | | | | | 4.50 | 3.00 |
| | 650/65 R 25 | | | | | | | | 4.75 | 3.25 |
| L-556 XPower HKS L-556 XPower Holzgreifer | 750/65 R 25 | | | | | | | | 3.50 | 2.00 |
| | 23.5 R 25 | | | | | | | | 5.00 | 3.50 |
| | 750/65 R 25 | | | | | | | | 3.75 | 2.25 |
| L-566 XPower | 26.5 R 25 | | | | | | | | 4.50 | 3.00 |
| | 750/65 R 25 | | | | | | | | 4.50 | 3.00 |
| | 775/65 R 29 | | | | | | | | 3.50 | 2.00 |
| L-566 XPower HKS L-566 XPower Holzgreifer | 26.5 R 25 | | | | | | | | 4.75 | 3.25 |
| | 750/65 R 25 | | | | | | | | 4.75 | 3.25 |
| | 775/65 R 29 | | | | | | | | 3.75 | 2.25 |

Application Map

Rigid Dump Truck

Articulated Dump Truck

Wheel Loader / Grader / Underground

Port & Industrial

OE Pressure Recommendations

General Information

OE Pressure Recommendations for LIEBHERR

Tyres for LIEBHERR
Wheel Loaders



TYRE RATING

| | RT-3B 115 (L3) | GP-3D 115 (L3) | TL-3A+ 125 (L3+) | GP-4D 150 (L4) | RL-4K 150 (L4) | RL-5K 250 (L5) | RT-5D 250 (L5) |
|-----------------------------|-------------------|-------------------|---------------------|-------------------|-------------------|-------------------|-------------------|
| Abrasion and Cut Resistance | 7 | 7 | 6 | 7 | 8 | 9 | 9 |
| Heat Resistance | 8 | 8 | 9 | 8 | 7 | 5 | 7 |
| Traction | 8 | 8 | 10 | 8 | 4 | 5 | 9 |
| Stability | 8 | 8 | 8 | 8 | 9 | 9 | 9 |
| Self Cleaning | 7 | 7 | 9 | 7 | 5 | 5 | 8 |
| Longevity | 6 | 6 | 8 | 8 | 8 | 10 | 9 |
| Comfort | 8 | 8 | 9 | 8 | 7 | 8 | 8 |

INFLATION
RECOMMENDATION
(Bar)

| MODELS | | DIMENSION | | | | | | FRONT | | REAR | |
|--|-------------|-----------|--|--|--|--|--|-------|------|------|--|
| L-576 XPower | 26.5 R 25 | | | | | | | 5.25 | 3.75 | | |
| | 750/65 R 25 | | | | | | | 5.00 | 3.50 | | |
| | 775/65 R 29 | | | | | | | 4.25 | 2.75 | | |
| L-580 XPower | 26.5 R 25 | | | | | | | 5.25 | 3.75 | | |
| | 750/65 R 25 | | | | | | | 5.00 | 3.50 | | |
| | 775/65 R 29 | | | | | | | 4.75 | 3.25 | | |
| L-580 XPower HKS L-580 XPower Holzgreifer | 26.5 R 25 | | | | | | | 5.25 | 3.75 | | |
| | 775/65 R 29 | | | | | | | 4.75 | 3.25 | | |
| L-586 XPower | 29.5 R 25 | | | | | | | 5.75 | 4.25 | | |
| | 875/65 R 29 | | | | | | | 4.50 | 2.75 | | |



OE Pressure Recommendations for DOOSAN

Tyres for DOOSAN
Articulated Dump Trucks



TYRE RATING

| | TL-3A+ 125 (E3+) | | GP-4D 150 (E4) | |
|-----------------------------|---------------------|--|-------------------|--|
| Abrasion and Cut Resistance | 6 | | 7 | |
| Heat Resistance | 9 | | 8 | |
| Traction | 10 | | 8 | |
| Stability | 8 | | 8 | |
| Self Cleaning | 9 | | 7 | |
| Longevity | 7 | | 8 | |
| Comfort | 9 | | 8 | |

| MODELS | DIMENSION | INFLATION RECOMMENDATION (Bar) | | | |
|--------|-------------|--------------------------------------|--|------|--|
| | | FRONT | | REAR | |
| DA30 | 750/65 R 25 | 3.25 | | 3.50 | |
| | 23.5 R 25 | 4.00 | | 4.50 | |
| DA40 | 29.5 R 25 | 3.75 | | 4.75 | |
| | 875/65 R 29 | 2.75 | | 3.25 | |









OE Pressure Recommendations for DOOSAN

Tyres for DOOSAN
Wheel Loaders



TYRE RATING

| | RT-3B 115 (L3)  | TL-3A+ 125 (L3+)  | GP-4D 150 (L4)  | RL-4K 150 (L4)  | RL-5K 250 (L5)  | RT-5D 250 (L5)  |
|-----------------------------|--|---|--|--|--|--|
| | Mixed Service, Comfort, Load & Carry, Sand & Gravel | Mixed Traction, Comfort, Landfill & Clay, Sidewall Protection | Load & Carry, Transport, Comfort, Stability, 65 Series | Abrasion, Recycling, Protection, Increased Tread Life | Abrasion, Recycling, Protection, Increased Tread Life | Exceptional Traction, Increased Sidewall Protection |
| Abrasion and Cut Resistance | 7 | 6 | 7 | 8 | 9 | 9 |
| Heat Resistance | 8 | 9 | 8 | 7 | 5 | 7 |
| Traction | 8 | 10 | 8 | 4 | 5 | 9 |
| Stability | 8 | 8 | 8 | 9 | 9 | 9 |
| Self Cleaning | 7 | 9 | 7 | 5 | 5 | 8 |
| Longevity | 6 | 7 | 8 | 8 | 10 | 9 |
| Comfort | 8 | 9 | 8 | 7 | 8 | 8 |

INFLATION
RECOMMENDATION
(Bar)

| MODELS | | DIMENSION | | | | | FRONT | | REAR |
|---------|-----------|-----------|--|--|--|--|-------|--|------|
| DL200-5 | 17.5 R 25 | | | | | | 5.00 | | 3.50 |
| | 20.5 R 25 | | | | | | 3.50 | | 2.00 |
| DL220-5 | 20.5 R 25 | | | | | | 4.00 | | 2.50 |
| DL250-5 | 20.5 R 25 | | | | | | 4.25 | | 2.75 |
| DL300-5 | 23.5 R 25 | | | | | | 4.50 | | 3.00 |
| DL350-5 | 23.5 R 25 | | | | | | 4.75 | | 3.25 |
| DL420-5 | 26.5 R 25 | | | | | | 4.50 | | 3.00 |
| DL450-5 | 26.5 R 25 | | | | | | 5.00 | | 3.50 |
| DL550-5 | 29.5 R 25 | | | | | | 5.25 | | 3.75 |

Application Map

Rigid Dump Truck

Articulated Dump Truck

Wheel Loader / Grader / Underground

Port & Industrial

OE Pressure Recommendations

General Information

OE Pressure Recommendations for JCB

Tyres for JCB
Wheel Loaders



TYRE RATING

| | | | | | | | | | | | | |
|-----------------------------|---|--|----|--|---|--|---|--|----|--|---|--|
| Abrasion and Cut Resistance | 7 | | 6 | | 7 | | 8 | | 9 | | 9 | |
| Heat Resistance | 8 | | 9 | | 8 | | 7 | | 5 | | 7 | |
| Traction | 8 | | 10 | | 8 | | 4 | | 5 | | 9 | |
| Stability | 8 | | 8 | | 8 | | 9 | | 9 | | 9 | |
| Self Cleaning | 7 | | 9 | | 7 | | 5 | | 5 | | 8 | |
| Longevity | 6 | | 7 | | 8 | | 8 | | 10 | | 9 | |
| Comfort | 8 | | 9 | | 8 | | 7 | | 8 | | 8 | |

INFLATION
RECOMMENDATION
(Bar)

| MODELS | DIMENSION | | | | | | | FRONT | REAR |
|--------|-----------|--|--|--|--|--|--|-------|------|
| 417 | 17.5 R 25 | | | | | | | 4.00 | 2.75 |
| 427 | 20.5 R 25 | | | | | | | 3.50 | 2.50 |
| 437 | 20.5 R 25 | | | | | | | 4.25 | 2.75 |
| 457 | 23.5 R 25 | | | | | | | 4.50 | 3.00 |

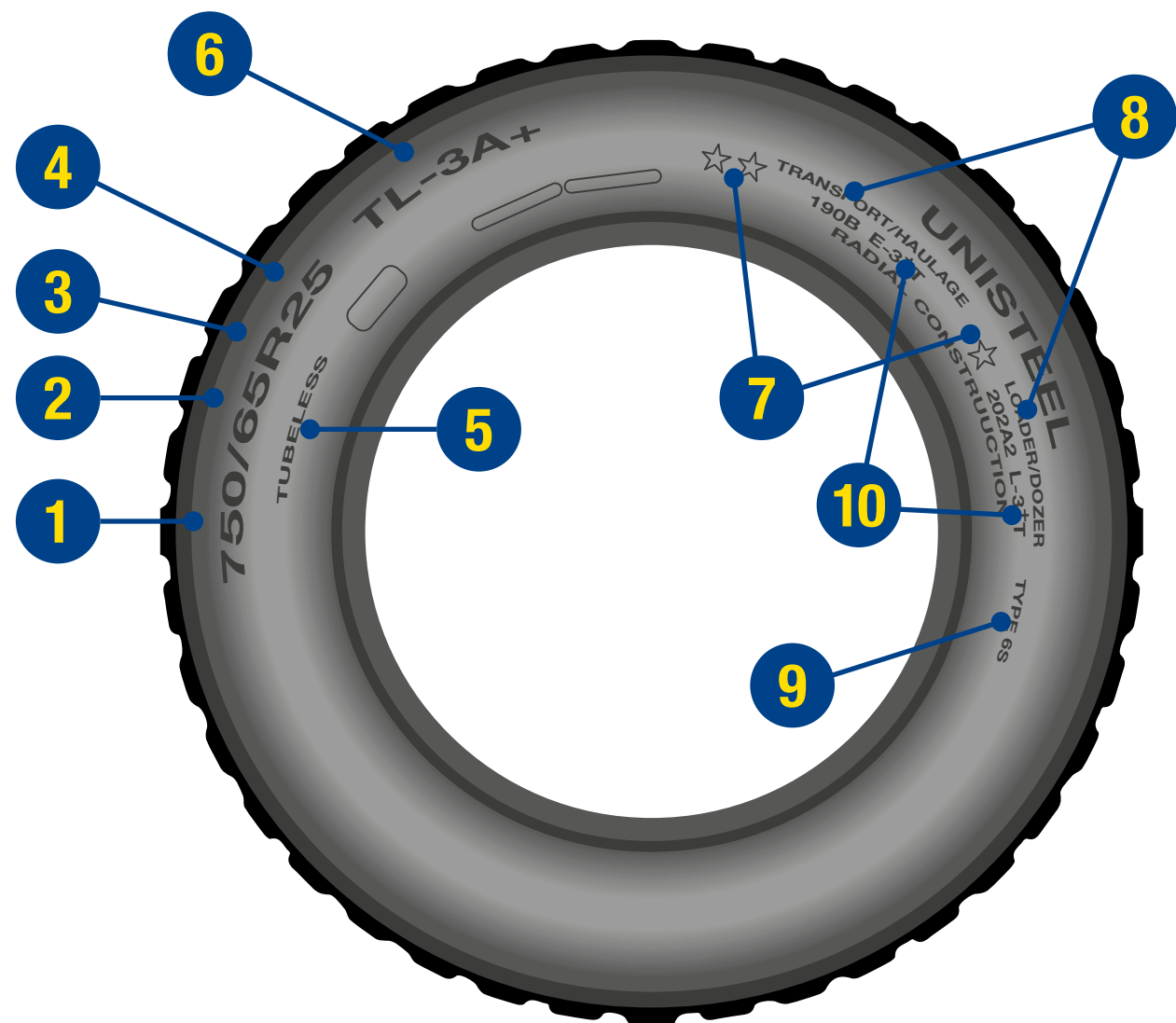
Replacement market only – ask for availability



General Information



Tyre Markings – Radial



- 1

Tyre section width
- 2

Aspect ratio
- 3

Construction (R = radial)
- 4

Rim diameter
- 5

Tubeless
- 6

GOODYEAR tyre naming
- 7

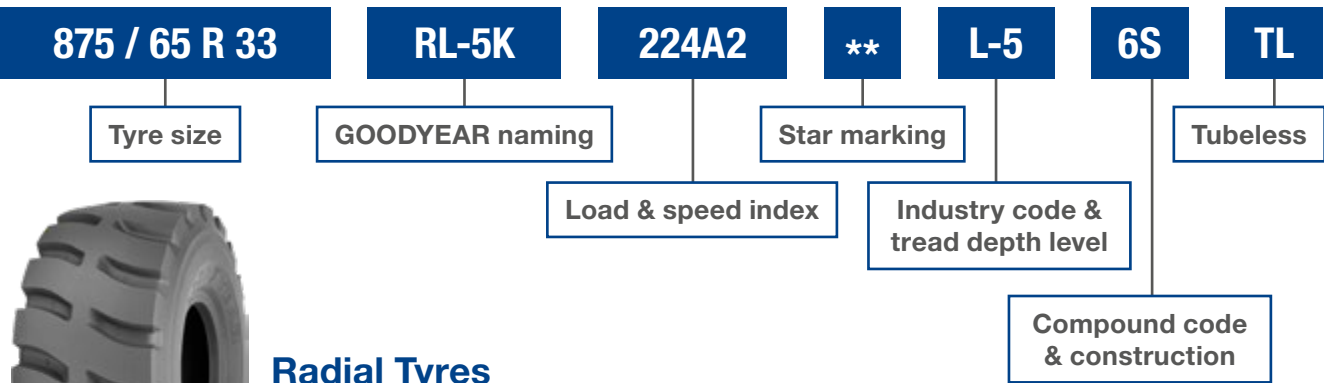
Star marking
- 8

Load & speed indexes (LSI)
- 9

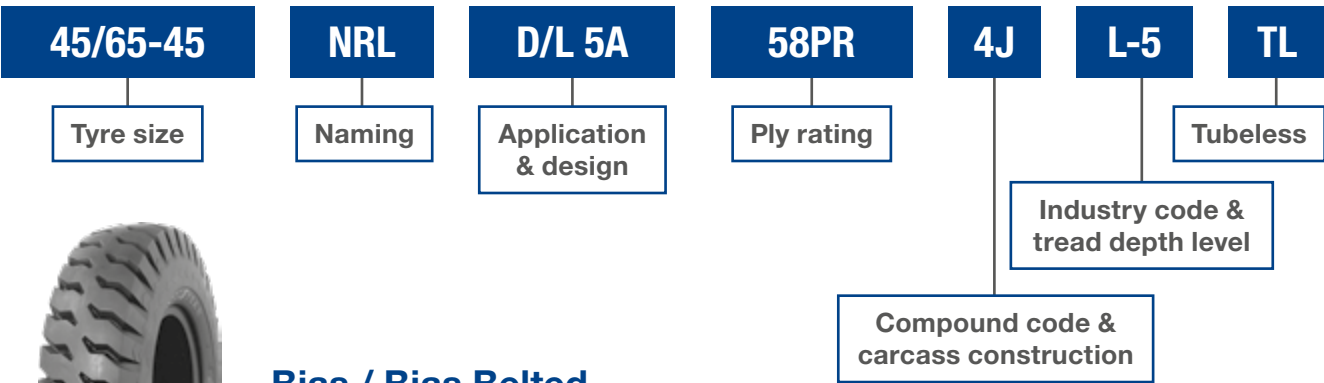
Customized compound code & carcass construction
- 10

Industry code (TRA)

Tyre Designation



Radial Tyres



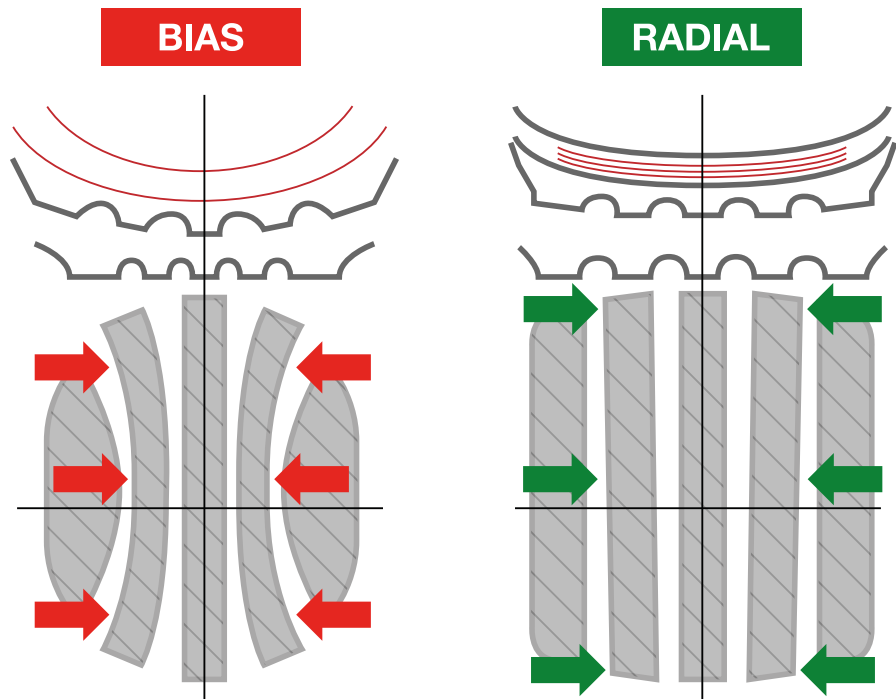
Bias / Bias Belted

Goodyear Tyre Namings

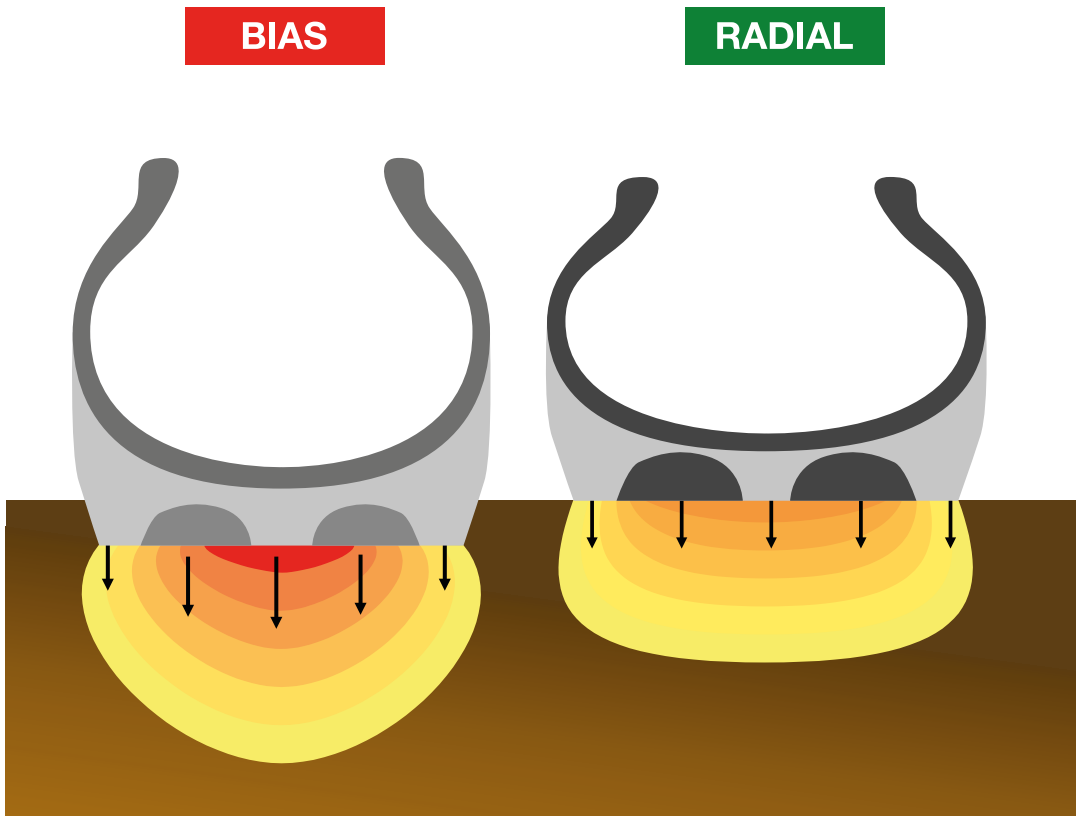
| Example: RT-5D | | | | | |
|-----------------------------|-----------------|-----------------------------|----------|-------------------------------------|----------|
| RT | | 5 | | D | |
| Tread type | | Tread depth (TRA standards) | | Tread design series | |
| Most Popular Tread Types | | | | | |
| RT | GP | TL | RL | EV / ELV | RM |
| Rock Traction | General Purpose | Traction Lug | Rock Lug | Elevator (EL = Radial / ELV = Bias) | Rock Mud |

S namings (ex: EV-4S) define ‘Smooth’ tread designs.
+ symbols (ex: EV-3+) signal a deeper tread depth (+25% versus standard).


Radial & Bias: Different Footprints



Radial & Bias: Different Flotation & Soil Compaction



Hi-Stability Technology




GOODYEAR
HI STABILITY

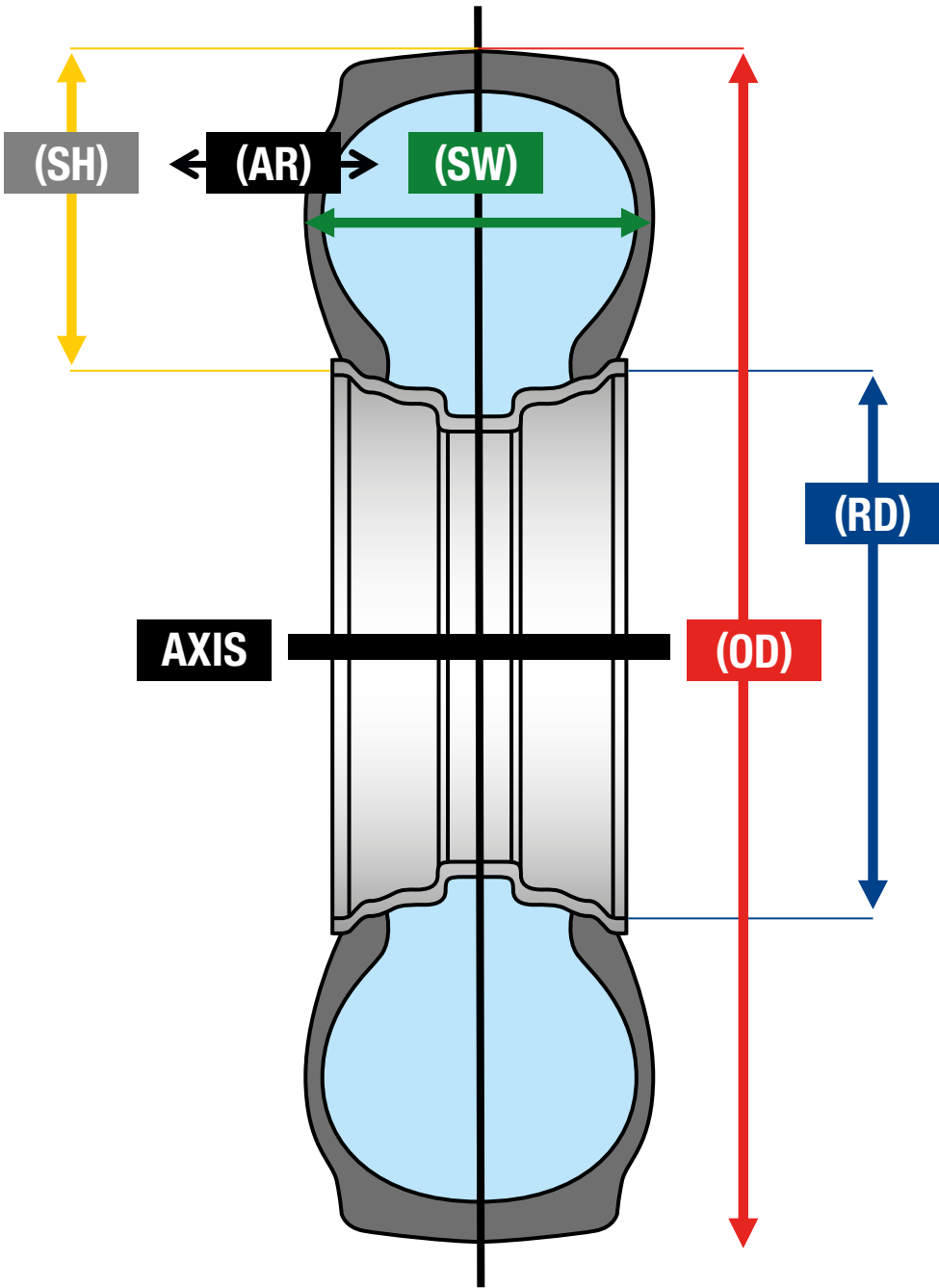
GOODYEAR produces many tyres built with the HI-STABILITY technology.

A reinforced casing allows to carry up to 25% more load than a non Hi-Stability tyre, in the same conditions.

Dedicated mainly to highly severe applications on loaders.



Tyre Size (Metric): 875/65 R 33



875 : Section Width (SW)

(here in mm / can be in inches)

The width of the inflated new tyre section, excluding any protective scuff ribs, lettering or decoration

65 : Aspect Ratio (AR) in %

Ratio of section height (SH) / section width (SW)

33 : Rim Diameter (RD) in Inches

Measured on the bead seats

Load Index Table

| Index | Load (Kg) | Index | Load (Kg) | Index | Load (Kg) | Index | Load (Kg) |
|-------|-----------|-------|-----------|-------|-----------|-------|-----------|
| 166 | 5300 | 181 | 8250 | 196 | 12500 | 211 | 19500 |
| 167 | 5450 | 182 | 850 | 197 | 12850 | 212 | 20000 |
| 168 | 5600 | 183 | 8750 | 198 | 13200 | 213 | 20600 |
| 169 | 5800 | 184 | 9000 | 199 | 13600 | 214 | 21200 |
| 170 | 6000 | 185 | 9250 | 200 | 14000 | 215 | 21800 |
| 171 | 6150 | 186 | 9500 | 201 | 14500 | 216 | 22400 |
| 172 | 6300 | 187 | 9750 | 202 | 15000 | 217 | 23000 |
| 173 | 6500 | 188 | 10000 | 203 | 15500 | 218 | 23600 |
| 174 | 6700 | 189 | 10300 | 204 | 16000 | 219 | 24300 |
| 175 | 6900 | 190 | 10600 | 205 | 16500 | 220 | 25000 |
| 176 | 7100 | 191 | 10900 | 206 | 17000 | 221 | 25750 |
| 177 | 7300 | 192 | 11200 | 207 | 17500 | 222 | 26500 |
| 178 | 7500 | 193 | 11500 | 208 | 18000 | 223 | 27250 |
| 179 | 7750 | 194 | 11800 | 209 | 18500 | 224 | 28000 |
| 180 | 8000 | 195 | 12150 | 210 | 19000 | 225 | 29000 |

Speed Index Table

| Speed | Km/h |
|-------|------|
| A1 | 5 |
| A2 | 10 |
| A3 | 15 |
| A4 | 20 |
| A5 | 25 |
| A6 | 30 |
| A7 | 35 |
| A8 | 40 |
| B | 50 |
| C | 60 |
| D | 65 |
| E | 70 |
| F | 80 |
| G | 90 |
| J | 100 |
| K | 110 |
| L | 120 |
| M | 130 |
| N | 140 |

to 50 km/h (30mph) Mobile cranes

Pressure Conversion Table

| KPA | Bar | lbsin2* (p.s.i.) | kg/cm2* |
|------|------|------------------|---------|
| 100 | 1 | 15 | 1.0 |
| 150 | 1.5 | 22 | 1.5 |
| 200 | 2.0 | 29 | 2.0 |
| 250 | 2.5 | 39 | 2.6 |
| 300 | 3.0 | 44 | 3.1 |
| 350 | 3.5 | 51 | 3.6 |
| 400 | 4.0 | 58 | 4.1 |
| 450 | 4.5 | 65 | 4.6 |
| 500 | 5.0 | 73 | 5.1 |
| 550 | 5.5 | 80 | 5.6 |
| 600 | 6.0 | 87 | 6.1 |
| 650 | 6.5 | 94 | 6.6 |
| 700 | 7.0 | 102 | 7.1 |
| 750 | 7.5 | 109 | 7.7 |
| 800 | 8.0 | 116 | 8.2 |
| 850 | 8.5 | 123 | 8.7 |
| 900 | 9.0 | 131 | 9.2 |
| 950 | 9.5 | 138 | 9.7 |
| 1000 | 10.5 | 145 | 10.2 |
| 1050 | 10.5 | 152 | 10.7 |

Industry Codes (TRA Standards)

The tyre industry has adopted a code identification system to be used for off-the-road tyres, regardless of the manufacturer.

This identification system reduce the confusion caused by the trade names for each type of tyre offered by each tyre manufacturer.

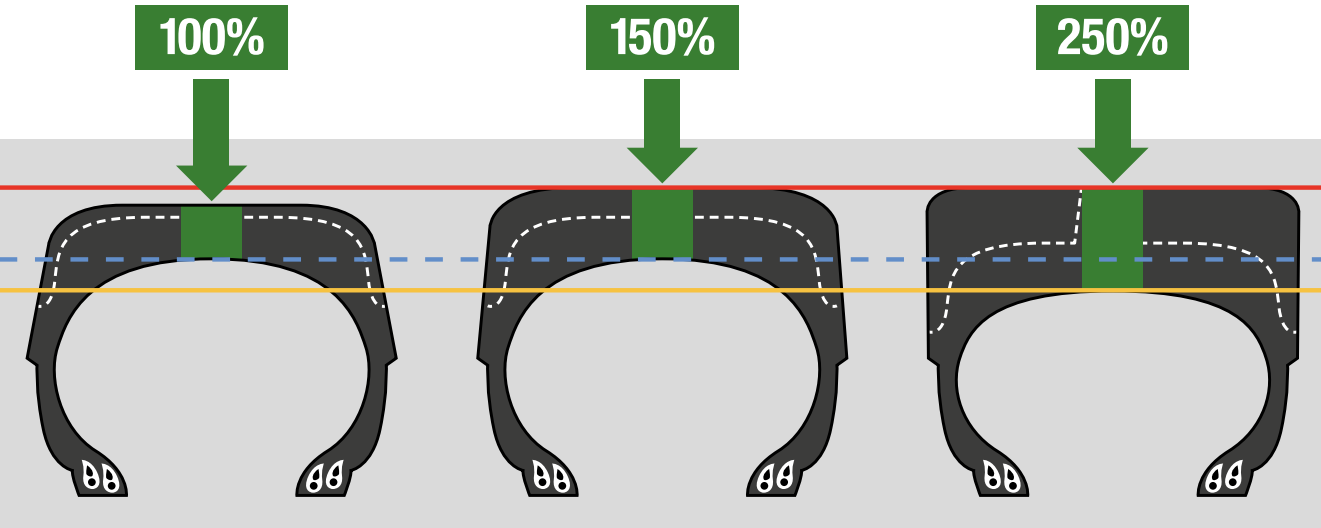
The industry code identification is divided into five main categories (for OTR tyres) by types of service.

| | |
|---|---|
| C | COMPACTOR Compacting and rolling machines / speed reference for the pressure calculation is 10 km/h (SI=A2) |
| L | LOADER & DOZER Loader & dozer machines – load & carry / speed reference for the pressure calculation is 10 km/h (SI=A2) |
| G | GRADER Surface levelling machines – road maintenance & cleaning / speed reference for the pressure calculation is 40 km/h (SI=A8) |
| E | EARTHMOVER Construction equipment / truck & machines loading / speed reference for the pressure calculation is 50 km/h (SI=B) |
| H | HIGHWAY Mobile cranes Speed reference for the pressure calculation is 70 km/h (SI=E) |

Source: Tire and Rim Association. www.us-tra.org

Tread Thicknesses (TRA Standards)

| | Name known as: | Previously known as: |
|---|--|---------------------------|
| 2 | TRACTION REGULAR TREAD Tread depth level = 100 | « TRACTION » |
| 3 | REGULAR TREAD Tread depth level = 100-130 | « ROCK » |
| 4 | DEEP TREAD Tread depth level = 150 | « ROCK DEEP TREAD » |
| 5 | EXTRA DEEP TREAD Tread depth level = 250 | « ROCK EXTRA DEEP TREAD » |



| | | |
|--------------------------|--------------|--------------------|
| 2 Traction Regular Tread | 4 Deep Tread | 5 Extra Deep Tread |
| 3 Rock Regular Tread | | |

Source: Tire and Rim Association. www.us-tra.org

Star Marking vs. Ply Rating Comparison

| Size | Star Rating | Ply Rating |
|------------|-------------|------------|
| 12.00 R 24 | *** | 30 |
| 13.00 R 24 | ** | 26 |
| 14.00 R 24 | *** | 32 |
| 16.00 R 25 | ** | 32 |
| 18.00 R 25 | ** | 36 |
| 18.00 R 33 | ** | 38 |
| 21.00 R 33 | ** | 44 |
| 21.00 R 35 | ** | 44 |
| 24.00 R 35 | ** | 48 |
| 24.00 R 49 | ** | 48 |
| 27.00 R 49 | ** | 54 |
| 30.00 R 51 | ** | 60 |
| 33.00 R 51 | ** | 66 |
| 36.00 R 51 | ** | 70 |
| 37.00 R 57 | ** | 78 |
| 40.00 R 57 | ** | 80 |

| Size | Star Rating | Ply Rating |
|------------|-------------|------------|
| 17.5 R 25 | * | 16 |
| | ** | 24 |
| 20.5 R 25 | * | 16 |
| | ** | 28 |
| 25/65 R 25 | ** | 32 |
| 23.5 R 25 | * | 20 |
| | ** | 30 |
| 26.5 R 25 | * | 24 |
| | ** | 34 |
| 29.5 R 25 | * | 26 |
| | ** | 38 |
| 30/65 R 25 | ** | 34 |
| 29.5 R 29 | ** | 38 |
| 33.25 R 29 | ** | 46 |
| 33.25 R 35 | ** | 46 |
| 37.25 R 35 | ** | 48 |

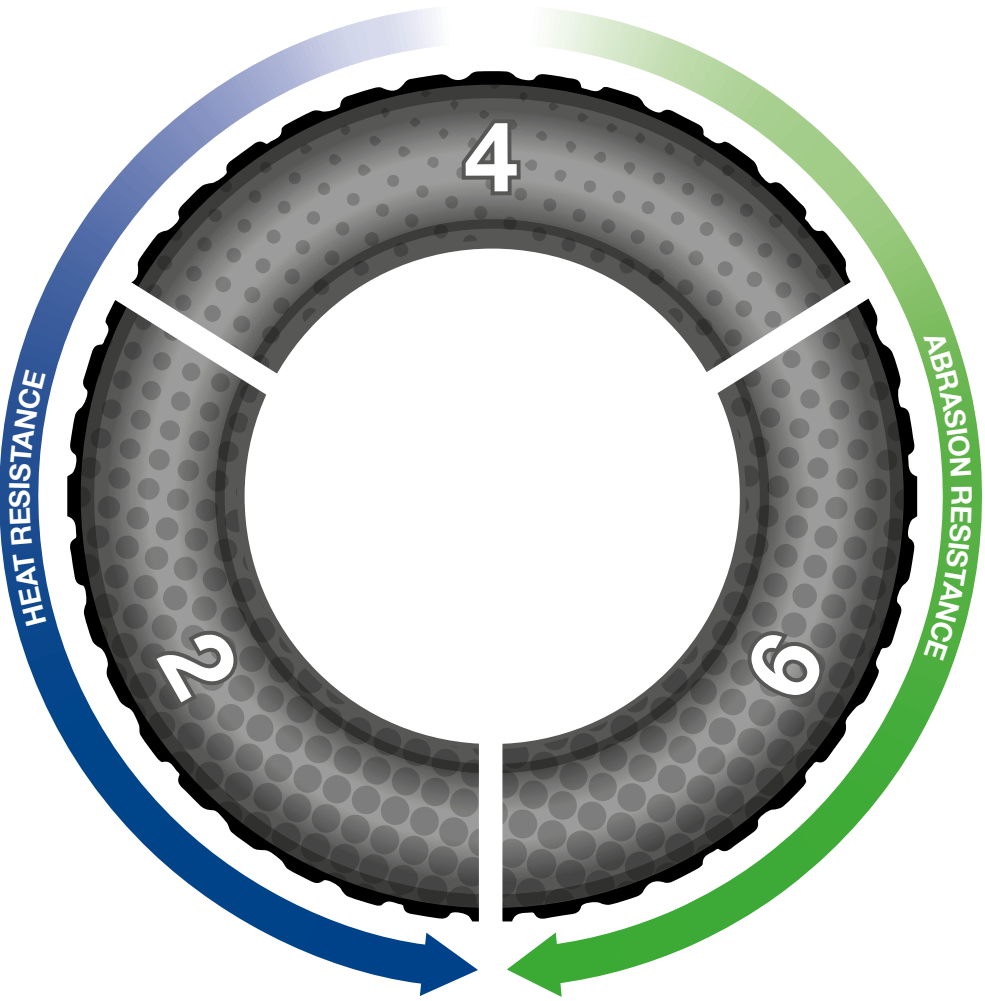
Goodyear Carcass Construction Codes

| Code | Casing Construction |
|------|--------------------------|
| S | Standard Construction |
| H | Heavy Duty |
| HR | Heavy High Speed |
| HW | Extra Heavy Duty |
| J | Bias with Steel Breakers |
| U | Heavy Undertread |



Goodyear Compound Codes

875/65 R 33 RL-5K 224A2 L5 ** 4S TL

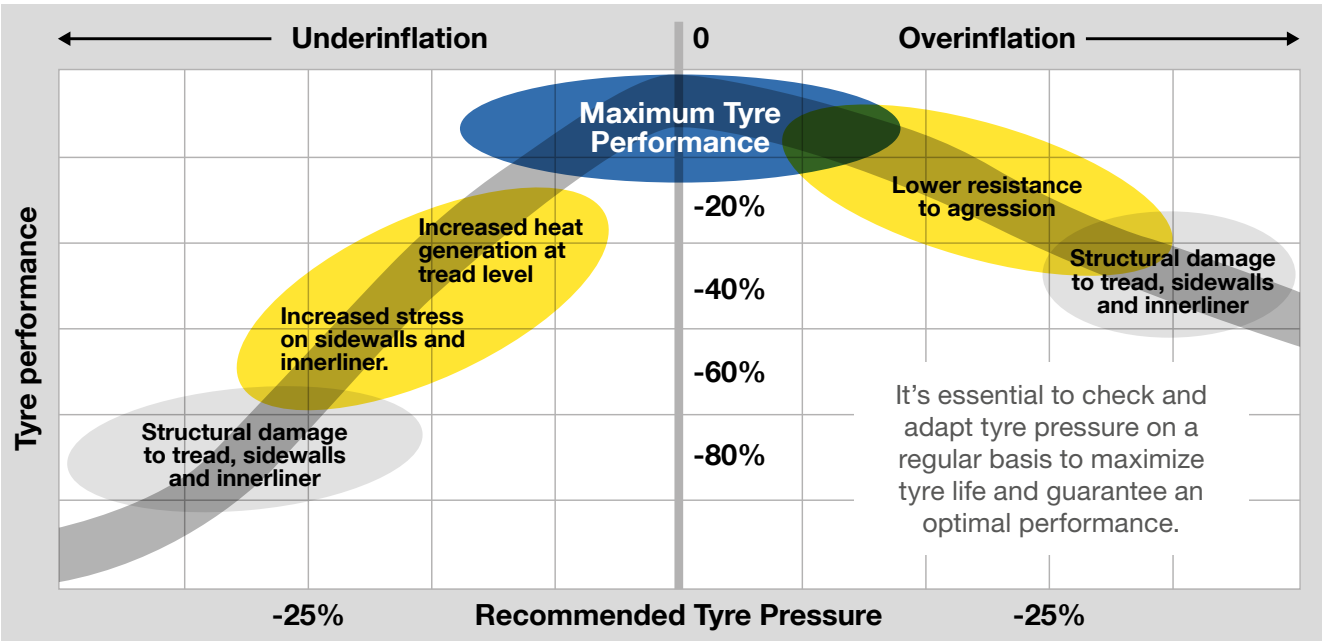


Some tyres are available with 2 or even 3 different customised compounds.

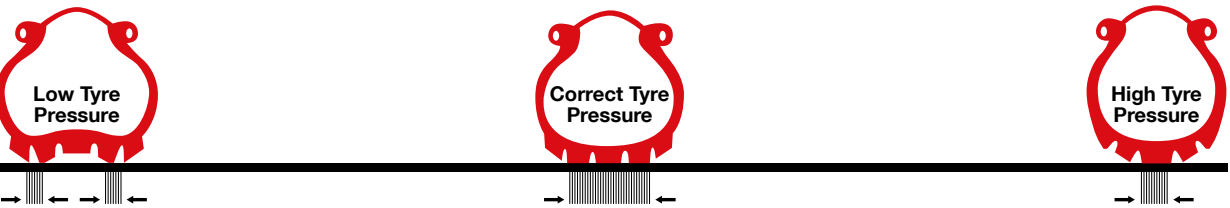
Example:
24.00 R 35 RL-4J 209B ** E4 2H TL
24.00 R 35 RL-4J 209B ** E4 4H TL
24.00 R 35 RL-4J 209B ** E4 6H TL

Consult your Goodyear representative for additional information before making a compound choice.

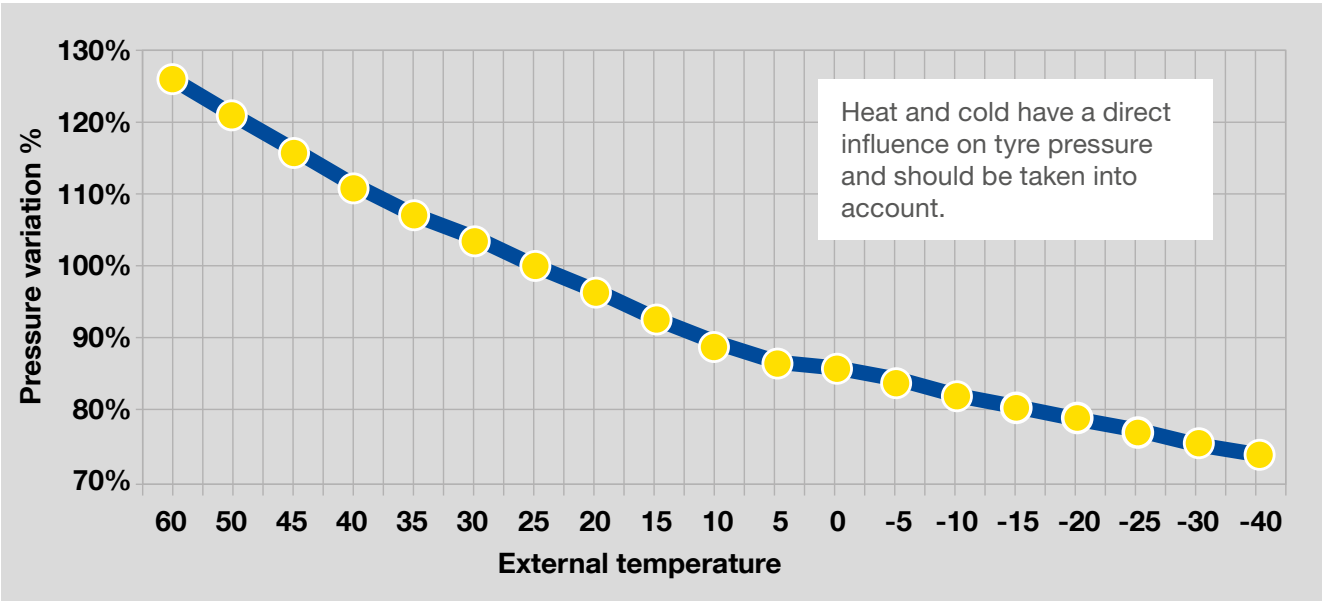
Influence of Pressure on Tyre Wear



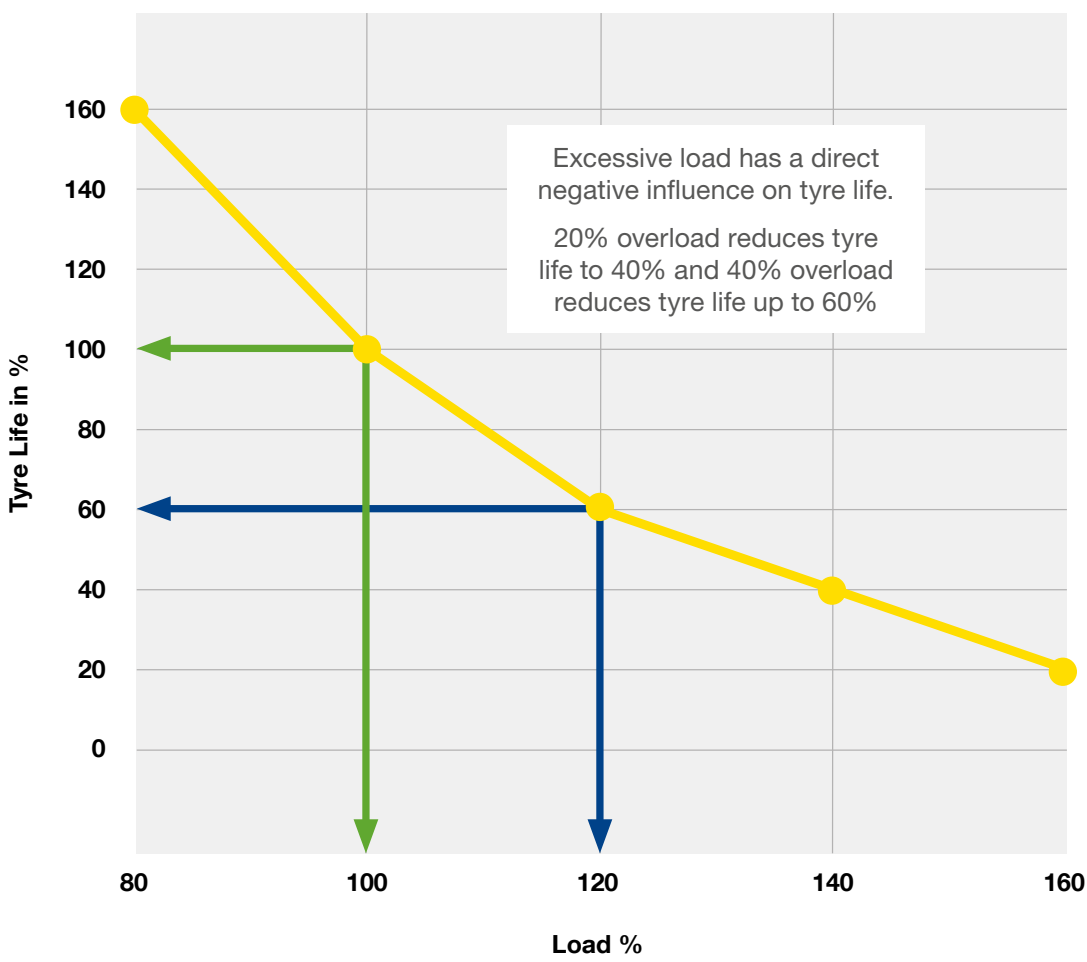
Reduced tyre performance due to insufficient or excessive pressure (%) and associated risks.



Influence of Temperature on Tyre Pressure



Influence of Excessive Load on Tyre Life



Tyre Technology – Selecting the Right Tyre

Ton Kilometre Per Hour (TKPH)

Tyres on OTR vehicles generate and build-up heat. The TKPH formula (average tyre load multiplied by average tyre speed), calculates the rate of work tyres can perform and stay within a safe temperature range under correct deflected (load/inflation) conditions.

TKPH Job Rate =
$$\frac{\text{Average Tyre Load (metric tons)} \times \text{Average Shift Speed (km/h)}}{2}$$

***Note:** Mines using computer dispatch systems must use Average Hourly Speed rather than Average Shift Speed.

Average Tyre Load =
$$\frac{\text{Empty Tyre Load} + \text{Loaded Tyre Load}}{2}$$

Average Tyre Load must be obtained for tyres on each axle of a vehicle.

The Average Shift Speed is found by:

$$\frac{\text{RTD} \times \text{NTS}}{\text{HW}}$$

where **RTD** = Round Trip Distance in kilometres
NTS = Number of Trips Per Shift
HW = Number of Hours Worked

The number of hours worked is the actual number of vehicle operation hours. It is calculated from the time the vehicle first moves until the shift finishes.

The TKPH Job Rate must be known for each wheel position.

Tyre selection can then be based on:

- A size and ply rating which will not be overloaded
- A type or design with a TKPH rating equal to the job requirement

Sample TKPH Calculation:

Conditions:

- Empty vehicle tyre load = 9,000 kilograms (9.0 tons)
- Loaded vehicle tyre load = 15,000 kilograms (15.0 tons)
- Number of Hours Worked = 8.0 hours
- The shift hauls 15 loads
- Each haul is 14 kilometres, round trip

Average Tyre Load =

$$\frac{9 \text{ Tons} + 15 \text{ Tons}}{2} = 12 \text{ Tons}$$

Average Shift Speed =

$$\frac{14 \text{ Kilometres Trip} \times 15 \text{ Trips Shift}}{8.0 \text{ Hours Worked Per Shift}}$$

Average Shift Speed =

$$\frac{210 \text{ Kilometres}}{8.0 \text{ Hours}} = 26.25 \text{ km/h}$$

TKPH Job Rate =

$$12.0 \text{ Tons} \times 26.25 \text{ km/h} = 315 \text{ TKPH}$$

Conclusion:

To avoid heat problems tyres must have a TKPH rating of 315 or higher.

If the tyres on the machine are rated less than 315, one of the following corrective actions must be taken to prevent premature tyre failure:

- Reduce speed
- Reduce load
- Change to tyres with a higher TKPH rating
- Re-route the machine (where possible)

Note: Each tyre position on the machine must be calculated and considered. Position with highest average tyre load should be used.

Formula Limitation:

Tests have shown that the TKPH formula does not apply:

- When tyres are loaded 20% above their capacity
- On hauls of more than 32 kilometres

For haul lengths in excess of 32 kilometres one way, consult a Goodyear OTR representative.

For correct usage of the TKPH formula, the average speed must be based on total mileage covered from ‘the start of the first shift to the end of the last shift’.

Note: The latest compound type ratings for use in the TKPH/WCF calculations are available from your local Goodyear OTR sales or service department.

The Work Capability Factor (WCF)

Goodyear dozer and loader tyres are designed for dig and load service. They are normally selected from the TRA 5 mph/10 km/h tables. Tyre heat build-up in this type of operation is not a factor.

New operational techniques, however, sometimes uses dozers and loaders as transport machines. When the haul distance exceeds 15 meters, the operation is termed ‘load and carry’.

This type of service involves speeds above 10 km/h.

Longer hauls and rapid work cycles also are common.

Dozer and loader tyres are thicker and stronger than other OTR designs. Heat will build up faster in these designs.

Tyre heat build-up is a function of work the tyre is doing.

The Work Capability Factor (WCF) provides a way to select tyres that can handle the work under correct deflected (load/inflation) conditions.

The formula to determine a machine’s WCF requirement focuses on its front wheels. These carry substantially more weight.

$$\text{WCF} = \frac{\text{Average Tyre Load (metric tons)} \times \text{Max. Average Speed (km/h)}}{2}$$

Average Tyre Load =

$$\frac{\text{Empty Tyre Load} + \text{Loaded Tyre Load}}{2}$$

Tyre load data should be the actual loads, if possible. If these are not known, the manufacturer’s specifications can be used.

Max. Average Speed =

$$\text{Round Trip (KM)} \times \text{Maximum Cycles Per Hour}$$

Sample WCF Calculation:

Conditions:

- Empty vehicle tyre load = 14.0 metric tons
- Loaded vehicle tyre load = 28.0 metric tons
- Maximum cycles per hour = 35
- Each haul is 250 metres (.25 kilometres), round trip

Average Tyre Load =

$$\frac{14 \text{ Tons} + 28 \text{ Tons}}{2} = 21 \text{ Tons}$$

Max. Avg. Speed =

$$\frac{.25 \text{ Kilometres Trip} \times 35 \text{ Cycles}}{1} = 8.75 \text{ km/h}$$

$$\text{WCF} = 21.0 \text{ Tons} \times 8.75 \text{ km/h} = 183.75 = 184$$

Conclusion:

To avoid heat problems tyres must have a WCF of 184 or higher.

If the tyres on the machine are rated less than 184:

- Reduce speed
- Reduce load
- Change to tyres with a higher WCF

Formula Limitation:

Tests have shown that the WCF formula does not apply:

- When tyres are loaded more than 15% above their rated capacity
- On hauls of more than 600 meters

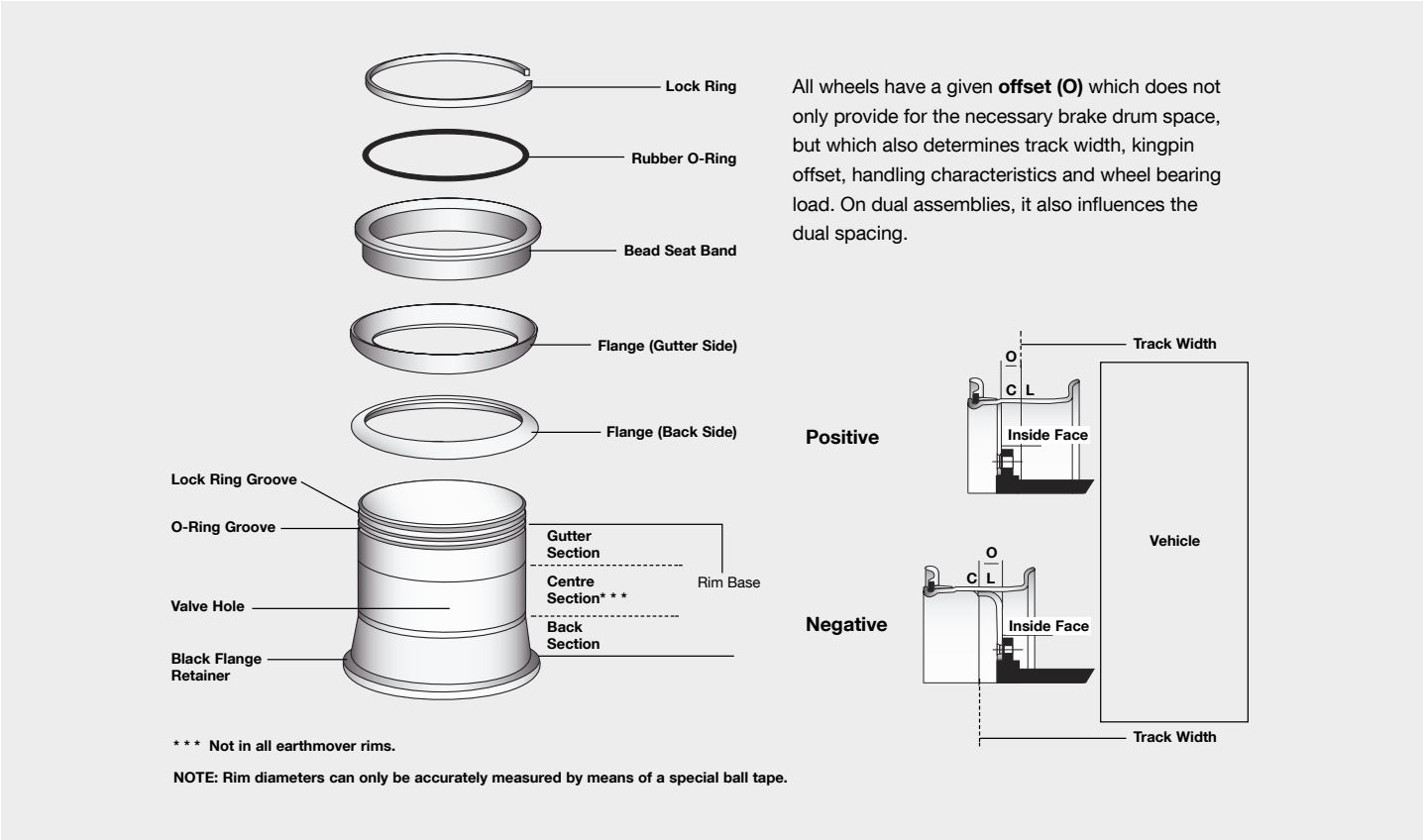
For haul lengths in excess of 600 meters one way, consult a Goodyear OTR representative.

For correct usage of the WCF formula, the average speed must be based on total mileage covered “in one hour of continuous operation”.

Note: The latest compound type ratings for use in the TKPH/WCF calculations are available from your local Goodyear OTR sales or service department.

Tyre Technology – Rims and Wheels

Nomenclature – Five Piece Rim Assembly (5°)



Tyre fitters and mechanics must therefore pay attention that:

- a. Specific vehicles are fitted with the correct offset wheels
- b. Wheels with different offsets are not mixed up on the same axle

Wheel offsets can be positive, negative or zero. The offset is defined as the distance from the wheel centre to the inside face of the disc (against the hub) and is called positive whenever this inside face is located outside of the centreline,

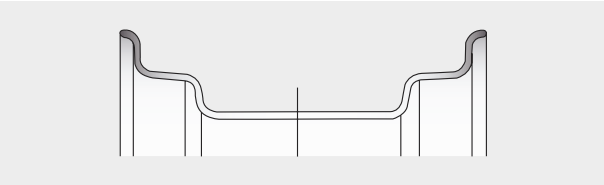
negative when located inside, zero when matching the centreline exactly.

For earthmover tyres, there are essentially 4 basic rim types available on the market (basically all 5° taper):

- a. One-piece tubeless drop centre rims
- b. Multi-piece tubeless semi-drop centre rims
- c. Multi-piece tubeless flat base rims
- d. multi-piece tube-type flat base rims

1-Piece Tubeless Drop Centre

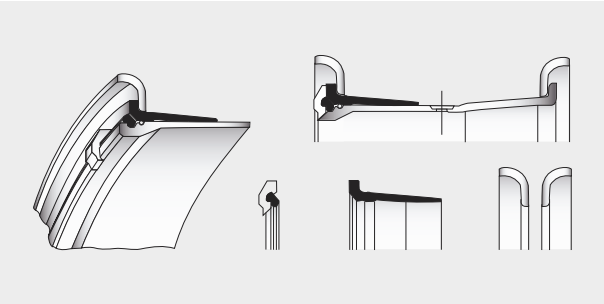
(24", 25" ETC...) symmetric and asymmetric rims for construction machines and mobile cranes.



5-Piece Tubeless Rims

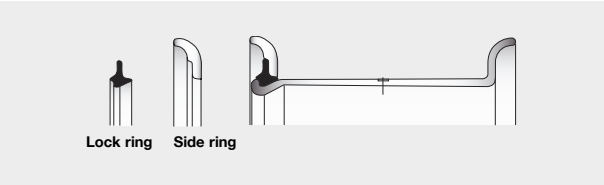
Small Driver

Rim for tubeless EM- and EM-wide base tyres with small driver.



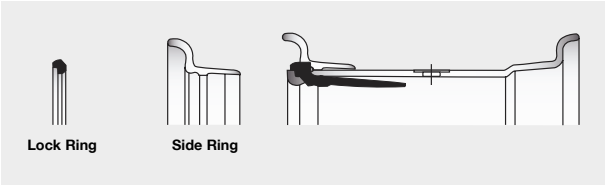
3-Piece Tube-Type Rims

(Mainly 20", 24") rims for tube-type on-and-off-the-road applications.



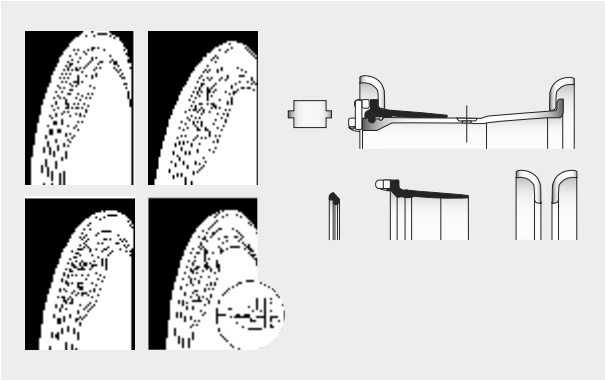
3-Piece Semi-Drop Centre Rims

(Mainly 20", 24", 25") rims for tubeless TG (Tractor-Grader) and EM-wide base tyres as well as narrow base mobile crane applications.



Large Driver

Rim for tubeless EM- and EM-wide base tyres with large driver.



Check your rims when you change your tyres....

Every experienced tyre user knows that the RIGHT tyre, used for the RIGHT job, can make a big difference in tyre life and operating efficiency.

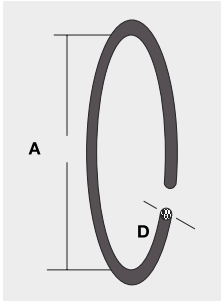
The same thing is equally true of rims

If you make a tyre change to get MORE efficiency for a certain type of work – and fail to match the new tyres with the right rims -- you may actually LOSE efficiency...plus maintenance time and replacement money.

By Rim Type and Tyre Size

| Rim Type | Rim Size | Tyre Size | O-Ring | Code |
|------------------------------------|-------------------|-------------|--------|--------|
| 5° Taper Bead Seat Rims (3 Pieces) | 25 – 10.00/1.5 | 14.00 R 25 | OR 225 | 701197 |
| | 25 – 11.25/1.3 | 14.00 R 25 | | |
| | 25 – 11.25/2.0 IF | 14.00 R 25 | | |
| | | 16.00 R 25 | | |
| | | 445/95 R 25 | | |
| | 25 – 12.00/1.3 | 15.5 R 25 | | |
| | | 395/80 R 25 | | |
| | | 385/95 R 25 | | |
| | 25 – 13.00/2.5 IF | 18.00 R 25 | | |
| | | 505/85 R 25 | | |
| | 25 – 14.00/1.3 | 445/80 R 25 | | |
| | 25 – 14.00/1.5 | 17.5 R 25 | | |
| | | 445/80 R 25 | | |
| | 25 – 15.00/3.0 IF | 21.00 R 25 | | |
| | 25 – 17.00/1.7 | 20.5 R 25 | | |
| | | 550/65 R 25 | | |
| | | 20.5 R 25 | | |
| | 25 – 17.00/2.0 IF | 525/80 R 25 | | |
| | | 550/65 R 25 | | |
| | 25 – 19.50/2.5 IF | 23.5 R 25 | | |
| | | 600/65 R 25 | | |
| | | 650/65 R 25 | | |
| | 25 – 22.00/3.0 IF | 26.5 R 25 | | |
| | | 650/65 R 25 | | |
| | | 750/65 R 25 | | |
| | 25 – 25.00/3.5 IF | 29.5 R 25 | | |

| Rim Type | Rim Size | Tyre Size | O-Ring | Code |
|------------------------------------|----------------|-------------|--------|--------|
| 5° Taper Bead Seat Rims (5 Pieces) | 25 – 11.25/2.0 | 14.00 R 25 | OR 325 | 700127 |
| | | 16.00 R 25 | | |
| | | 445/95 R 25 | | |
| | 25 – 13.00/2.5 | 18.00 R 25 | | |
| | | 480/95 R 25 | | |
| | | 18.00 R 25 | | |
| | 25 – 15.00/2.5 | 18.00 R 25 | | |
| | 25 – 15.00/3.0 | 21.00 R 25 | | |
| | 25 – 17.00/2.0 | 20.5 R 25 | | |
| | | 525/80 R 25 | | |
| | | 550/65 R 25 | | |
| | 25 – 17.00/3.0 | 21.00 R 25 | | |
| | 25 – 19.50/2.0 | 25/65 R 25 | | |
| | 25 – 19.50/2.5 | 23.5 R 25 | | |
| | | 600/65 R 25 | | |
| | | 650/65 R 25 | | |
| | | 660/65 R 25 | | |
| | 25 – 20.00/2.0 | 25/65 R 25 | | |
| | 25 – 22.00/3.0 | 26.5 R 25 | | |
| | | 650/65 R 25 | | |
| | | 750/65 R 25 | | |
| | 25 – 24.00/3.0 | 750/65 R 25 | | |
| | 25 – 25.00/3.0 | 750/65 R 25 | | |
| | 25 – 25.00/3.5 | 29.5 R 25 | | |
| | 29 – 22.00/3.0 | 775/65 R 29 | | |
| | 29 – 24.00/3.0 | 775/65 R 29 | | |
| | 29 – 24.00/3.5 | 29.5 R 29 | | |
| | 29 – 25.00/3.5 | 29.5 R 29 | | |



When mounting or remounting a tyre, only use new O-Rings.

Arctic ‘O’ Rings

Specifically compounded ‘O’ rings for sub-zero temperatures. Engineered to function and create seal at -65° Fahrenheit. ‘O’ rings are further identified with a green band around section circumference close to part number. Add ‘A’ to part number for Arctic ‘O’ ring (for example: OR335TA).

| Rim Type | Rim Size | Tyre Size | O-Ring | Code |
|------------------------------------|----------------|--------------|--------|--------|
| 5° Taper Bead Seat Rims (5 Pieces) | 29 – 27.00/3.0 | 875/65 R 29 | OR 329 | 700128 |
| | 29 – 27.00/3.5 | 33.25 R 29 | | |
| | 33 – 13.00/2.5 | 18.00 R 33 | OR 333 | 700129 |
| | 33 – 15.00/3.0 | 21.00 R 33 | | |
| | 33 – 28.00/4.0 | 33.5 R 33 | | |
| | 33 – 28.00/3.5 | 875/65 R 33 | OR 335 | 700154 |
| | 35 – 15.00/3.0 | 21.00 R 35 | | |
| | 35 – 17.00/3.0 | 21.00 R 35 | | |
| | 35 – 17.00/3.5 | 24.00 R 35 | | |
| | 35 – 25.00/3.5 | 29.5 R 35 | | |
| | 35 – 27.00/3.5 | 33.25 R 35 | | |
| | 35 – 29.00/3.5 | 33.25 R 35 | | |
| | | 37.25 R 35 | | |
| | | 37.25 R 35 | | |
| | 35 – 31.00/4.0 | 37.25 R 35 | | |
| | 39 – 32.00/4.5 | 37.5 R 39 | OR 339 | 700270 |
| | | 40.5/75 R 39 | | |
| | 39 – 32.00/4.0 | 40/65 R 39 | OR 345 | 700271 |
| | 45 – 36.00/4.5 | 45/65 R 45 | | |
| | 49 – 17.00/3.5 | 24.00 R 49 | OR 349 | 700130 |
| | 49 – 19.50/4.0 | 27.00 R 49 | | |
| | 51 – 22.00/4.5 | 30.00 R 51 | | |
| | 51 – 24.00/5.0 | 33.00 R 51 | OR 451 | 701199 |
| | 51 – 26.00/5.0 | 36.00 R 51 | | |
| | 57 – 27.00/6.0 | 37.00 R 57 | | |
| | 57 – 29.00/6.0 | 37.00 R 57 | OR 457 | |
| | | 40.00 R 57 | | |
| | | 40.00 R 57 | | |
| | 57 – 32.00/5.0 | 40.00 R 57 | | |
| | 57 – 32.00/6.0 | 40.00 R 57 | | |
| | 57 – 32.00/6.5 | 50/80 R 57 | | |
| | | 50/90 R 57 | | |
| | | 55/80 R 57 | | |
| | 57 – 42.00/5.0 | 55/80 R 57 | | |
| | 57 – 44.00/5.0 | 55/80 R 57 | | |
| | 57 – 47.00/5.0 | 60/80 R 57 | | |
| | 63 – 36.00/5.0 | 53/80 R 63 | OR 463 | |
| | 63 – 38.00/5.0 | 53/80 R 63 | | |
| | 63 – 41.00/5.0 | 55/80 R 63 | | |
| | | 56/80 R 63 | | |
| | 63 – 44.00/5.0 | 59/80 R 63 | | |

Tyre Technology – Rims and Wheels

Tubes and Flaps

Only Use Radial Type Tubes and Flaps in Radial Tyres (see special marking on tubes or flaps).

Preferably fit a new tube and a new flap when mounting a new tyre.

Tubes

A tube too large will be liable to buckling, and to early failure.

A tube too small will be stretched excessively, leading to reduced rub resistance, and poorer air retention.

In an emergency, a small tube is better than a large tube, since the failure mode is less likely to be catastrophic.

In case of necessity, a tube may be reused, if,

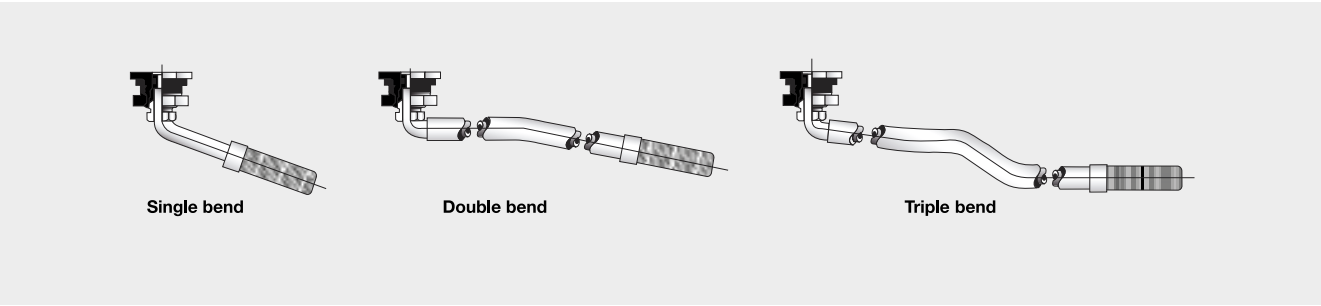
- There is no apparent damage and
- If the tube has not grown excessively during the first life.

Tyre Technology – Valves

In the majority of Off-the-road tyre applications one piece screw on Metal Valves are used.

- 1 **EM** – Metal valve base for TL tyres
- 2 **EM** – Rubber valve base for tubes
- 3 **EM** – Valve stem bent 80°
- 4 **EM** – Valve stem straight
- 5 **EM** – Valve cap with stem remover
- 6 **EM** – Valve adaptor (fits on valve core threads)
- 7 **EM** – Valve adaptor (fits over valve cap threads)
- 8 **EM** – Small valve cap with stem remover

Valves for payloader, compactors, MPT and implement tyre applications are either rubber or metal and may be straight or bent. Bent valves, normally of the swivel type,



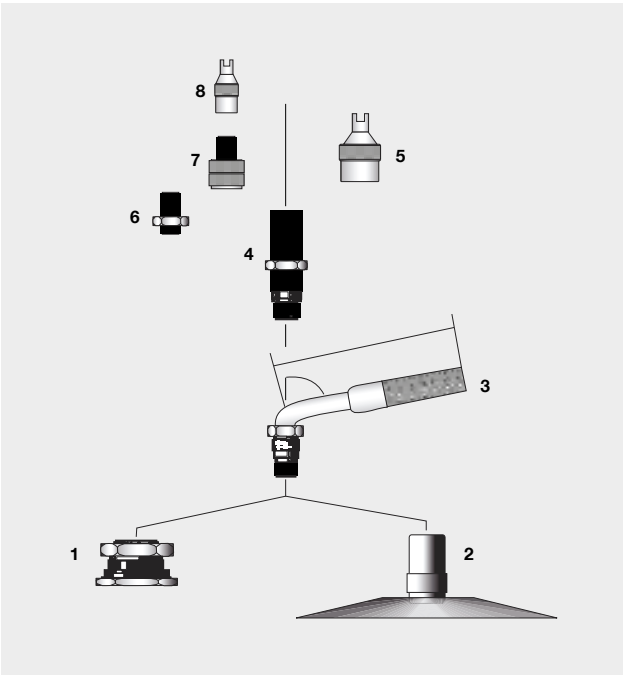
Flaps

The flap is designed to:

- Protect the tube from the roughness of the rim
- To prevent the tube being pinched by the component parts of multi-pieced rims
- To prevent the tube being pushed through the valve slot

As a rule we can say that flaps are necessary for any rim which has a valve slot as against a valve hole.

Note: The fitment of tubes to “tubeless” tyres is not recommended.



are generally supplied with the required bent form, and may be single, double or triple bent.

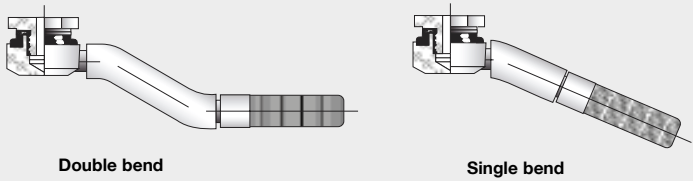
Large Bore and Super Large Bore Valves

The Large Bore and Super Bore valve systems are evolutions from the basic system of a standard bore. The Large Bore and Super Bore systems are of a heavier construction with enlarged chambers for greater flow rate characteristics to assure minimum down time and resistance to abuse.

The Large Bore valve is able to pass up to THREE times the amount of air of a standard bore valve. Super Large Bore, with an even larger air chamber, passes up to SEVEN times more air than a Large Bore Valve. These valves are extensively used to reduce the cost of down time during inflation/deflation.

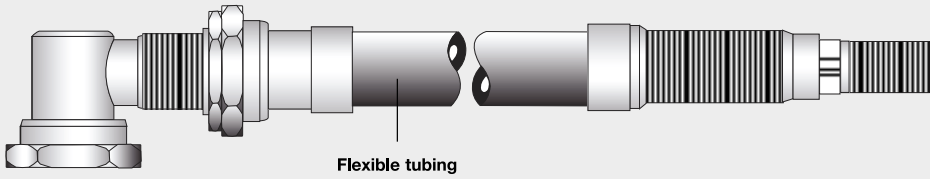
Turret Type Valves

Turret type valves may be required where there is insufficient clearance for the standard swivel valve, such as in wheels accommodating planetary drive gear.



Flexible Tubeless Valves

Flexible swivel valves have a very low valve height above the rim and may also be fitted to tubeless applications where space is critical.



Extensions

In order to facilitate valve access it may be necessary to fit a valve extension. Normally the position of the valve to be accessed will determine the type of extension (rigid, flexible or bendable) required.

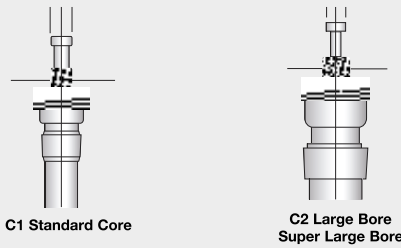


Tyre Technology – Valves

Valve Caps

Valves must always be fitted with a valve cap.

The valve cap is the primary air seal. Valve caps are always made of metal and have a rubber sealing ring. Plastic dust caps are not suitable for field service.



Valve Cores

The valve core is present to allow the internal air pressure to be measured and changed.

Valve cores are available in two versions.

Tubes, Flaps and Valves for Radial Off the Road Tyres

| Narrow Base | | | | |
|-----------------|-------|-----------------------|--------------|---------------|
| Tyre Size | Rim | Tube Size | Flap Size* | Angle Valve** |
| 16.00 – 24 / 25 | 11.25 | 16.00 – 24 / 25 Truck | 24 / 25F9.6 | J1175 C |
| 18.00 – 25 | 13.00 | 18.00 – 24 / 25 Truck | 24 / 25F10.6 | J1175 C |
| 18.00 – 33 | 13.00 | 18.00 – 32 / 33 Truck | 33F8.9 | J1176 D |
| 21.00 – 25 | 15.00 | 21.00 – 24 / 25 Truck | 24 / 25F12.4 | J1179 B |
| 21.00 – 35 | 15.00 | 21.00 / 35 Truck | 35F12.0 | J1175 C |

| Wide Base | | | | |
|-----------|-------|-----------------|------------|---------------|
| Tyre Size | Rim | Tube Size | Flap Size* | Angle Valve** |
| 20.5 – 25 | 17.00 | 20.5 – 25 Truck | 25F14.9 | J1175 C |
| 23.5 – 25 | 19.50 | 23.5 – 25 Truck | 25F19.8 | J1175 C |
| 26.5 – 25 | 22.00 | 26.5 – 25 Truck | 25F21.6 | J1175 C |

* Flap width specified is minimum flap width. Flap width is measured on rim side of flap.
Example: 24 – 9.0 (24 = Nominal Diameter | 9.0 = Flap width)
** Valve J1014 is standard straight valve on all EM tubes 16.00 and up. Angle Valve shown is most commonly used.

Tubes, Flaps and Valves for Grader Tyres

| Tyres Using Semi-Drop Centre Rims | | | | |
|-----------------------------------|---------|--------------------|-----------|-------------|
| Tyre Size | Rim | Tube Size | Valve No. | Flap Size |
| 14.00 – 24T G | 8.00T G | 13.00 / 14 – 24 GR | 220 A | 24 – 10.0RG |

| Tubes, Flaps and Valves for Sand Tyres | | | | |
|--|-------|-----------------------|-----------|--------------|
| Tyre Size | Rim | Tube Size | Valve No. | Flap Size |
| 18.00 – 25 DT | 13.00 | 18.00 – 24 / 25 Truck | J1175 C | 24 / 25F10.5 |
| 21.00 – 25 DT | 15.00 | 21.00 – 24 / 25 Truck | J1179 B | 24 / 25F13.0 |
| 29.5 – 25 DT | 25.00 | 29.5 – 25 Truck | J1175 C | 25F23.1 |

Radial tyres must be fitted with radial type tubes and flaps.

Tyre Technology – Liquid Ballasting

Ballasted Tyres

Increasing the load on the drive axle offers many advantages:

- Improved traction
- Increased drawbar pull
- Less slippage
- Less pressure loss
- Less tread wear
- Less bounce
- Less fuel consumption

The simplest way to add weight is to partially fill the tyres with liquid. No less than 75% of the tyre’s volume should be filled with liquid. A 100% fill can cause an unsafe pressure rise under load.

A solution of calcium chloride and water is recommended for liquid filling. It offers:

- Additional weight (up to 50%) over plain water
- It is not harmful to rubber
- It is plentiful and low in cost
- It is an effective antifreeze solution

Special Considerations for Ballasted Tyres

Before adding ballast, tyres must be seated with air.

Inflate:

- Grader tyres = 3.5 Bar
- Tyres less than 29” in diameter = 5.25 Bar
- Tyres 29” and larger in diameter = 6.25 Bar

After seating, exhaust air and add ballast. Tubes filled with calcium chloride must be equipped with special sealed-in base valves. These prevent separation of the rubber valve base and valve metal.

Tubeless tyres can be ballasted. Calcium chloride solution will not harm rims if a minimum of 75% fill is used.

A corrosion-proof gauge should be used to check inflation pressures. The valve must be in the highest position when pressure is checked. This gives the most accurate reading.

Tyre Technology – Liquid Ballasting

Mixing the Calcium Chloride Solution

The amount of calcium chloride needed to prevent freezing varies with the temperature.

| Sp. Gravity @ | CaCl2 / Water | Freezes Below |
|---------------|---------------|---------------|
| 18°C | Kg/L | °C |
| 1.000 | 0.00 | 0 |
| 1.050 | .08 | -6 |
| 1.100 | .18 | -14 |
| 1.150 | .28 | -23 |
| 1.218 | .42 | -34 |
| 1.250 | .50 | -41 |

The amount of CaCl2/Water needed for earthmover tyres can be easily calculated. The volume of the tyre must be known.

Then use the formula:

3/4 Vol. (in cu. cm) = Litres Water

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Tyre Technology – Safety Instructions

Before performing any services on off-the-road tyres, read and understand all safety precautions.

General

- Do not mount or demount tyres without proper training
- Follow all procedures and safety instructions exactly
- Do not be careless or take chances
- If you are uncertain about proper mating of parts, consult an expert
- Always stand clear of a tyre/rim assembly that is being deflated or inflated
- Use a clip-on chuck. Use inflation hose long enough to stand to side of tyre. Do not stand in front or back of tyre assembly
- Confirm that the correct components are used and that the new components are of the same size and type
- Never, under any circumstances, attempt to rework, weld, heat or braze any rim components that are cracked, broken or damaged
- Never hammer on rims or other components while tyre is fully or partially inflated
- If necessary to tap components together, mallets with faces of:
 - Rubber
 - Lead
 - Plastic
 - Brass
- Never introduce a flammable substance into a tyre before, during, or after mounting

Demounting

Before removing any rim or wheel component (i.e., nuts or rim clamps):

DO

- Exhaust all air from a single tyre
- Exhaust all air from both tyres of a dual assembly
- Remove valve core completely to assure all air is exhausted from tyre

- Remove both cores from dual assembly
- Run a piece of wire through stem to be sure it's not plugged
- Use approved eye protector
- Use mechanical aids when removing heavy rim components

Inspection

- Clean and repaint rims to stop corrosion and facilitate mounting and component checks
- Clean dirt and rust from lock ring and gutter to ensure proper seating
- Check and replace all rim components which are cracked, badly worn, severely rusted or damaged in any way
- Don't reinflate a tyre that has been run flat until you inspect the tyre, tube, flap, rim and wheel assembly
- Double check the side ring, flange bead seat, lock ring and O-ring to ensure they are secure in the gutter before inflation

An earthmover tyre contains enough energy to raise a 1380 kg car 26m off the ground!

- Inflate tyres in a safety cage
- Replace weak or damaged parts
- Replace all severely rusted rims
- Check for excessive side ring play and ring butting
- Double check tyre and rim before inflating
- Always deflate tyres prior to dismounting
- Inspect wheel nuts and clamps periodically



Mounting and Inflation

- Double check to be sure all components are properly seated before inflating
 - Inflate in a safety cage. Use safety chains or equivalent restraining devices during inflation
 - Don't inflate tyre before all components are properly in place
 - Place in safety cage or use chain sling and inflate to approximately .5 BAR. Recheck components for proper assembly
 - If assembly is not proper, deflate and correct
 - If assembly is proper at approximately .5 BAR, inflate fully to seat tyre
 - Completely deflate tyre (both tube-type and tubeless)
 - Reinflate to recommended operating pressure
 - Stand clear when using a steel cable or chain sling
 - Inflate off-the-road tyre/rim assemblies with nitrogen instead of air where recommended by the vehicle manufacturer
 - Inflate to same level of pressure as you would with air
 - Inflating with nitrogen should be done only by trained personnel using proper equipment
- This includes:
- An appropriate relief valve
 - A pressure regulator set for no more than 1.5 BAR over desired inflation
 - A remote control clip-on chuck. Personnel to stand clear of tyre/rim assembly during inflation

Tyre Technology – Safety Instructions

Operation

- Use recommended rim for tyre. Check Goodyear catalogue for proper tyre/rim matching
- Don't overload or over-inflate tyre/rim assemblies
- Check your rim manufacturer if special operating conditions are required
- Never run a vehicle on one tyre of a dual assembly
- Never use a tube in a tubeless tyre where the rim assembly is suspected of leaking
- Always inspect rims and wheels for damage during tyre checks
- Never add or remove an attachment to a rim without approval from the manufacturer
- Never modify a rim without approval from the manufacturer
- If vehicle wheels have been designed/or altered to contain wheel coolant, never operate vehicle without coolant
- Always use the mix and amount of coolant recommended by the manufacturer
- Don't let the brakes become overheated
- Carefully follow manufacturer's recommendations for operating and maintenance
- Clear the area if excessive brake heat is suspected. Warnings include:
 - The smell of burning rubber
 - The smell of hot brakes
- Wait at least one hour before approaching machine

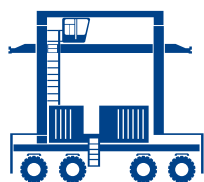
Servicing Tyre and Rim on Machine

- Block tyre and wheel on opposite side of machine before placing jack in position
- Put hardwood blocks under jack
- Use blocks regardless of how hard or firm ground appears to be
- Always crib up a vehicle with blocks just in case the jack slips
- Before loosening nuts or clamps, always secure a tyre/rim assembly with:
 - A sling
 - Tyre handler
 - Other support equipment
- Deflate and examine to determine the reason for improper fit. Look for distortion or components not properly locked or seated
- Replace cracked, broken or damaged parts with parts of the same size, type and make. Consult rim manufacturer concerning proper component replacement

An exploding earthmover tyre can throw a 7.25 kg bowling ball more than 4.8 kilometres

- Don't try to remove tyre from rim before completely deflating
- Don't seat rings by hammering while tyre is inflated
- Don't inflate tyre before all side and lock rings are in place
- Don't let anyone mount or dismount tyres without proper training
- Don't use water-suspended lubricants with tubeless tyres
- Don't use petroleum oil or grease on tyre beads or rims





Consult your Goodyear representative for additional information.
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293/0715/LUX-ENG

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