

MS401 PRO FOR MID-SIZE  
RDT > E4

Suitable for mines with hard ore and short cycle distance.

- ▶ Improved ground contact uniformity to avoid uneven wear in crown
- ▶ Improved chunking resistant
- ▶ Excellent cut resistance & wear resistance
- ▶ Excellent traction and reduced shoulder heat generation
- ▶ Effectively improve the load capacity of the tire



TIRE TECHNICAL SPECIFICATIONS & APPLICATIONS



| SIZE                | RATING | TYPE  | RIM       | O.D. | S.W. | T.D.  | INFLATION PRESSURE | L.C.C.<br>(Lbs/Kg) | INFLATION PRESSURE | L.C.C.<br>(Lbs/Kg) | L.I.       |
|---------------------|--------|-------|-----------|------|------|-------|--------------------|--------------------|--------------------|--------------------|------------|
|                     |        |       |           | in   | in   | 32nds | psi                | 5 mph              | psi                | 30 mph             |            |
|                     |        |       |           | mm   | mm   | mm    | KPa                | 10 kph             | KPa                | 50 kph             |            |
| 16.00R25(460/95R25) | ★★★    | TT/TL | 11.25/2.0 | 61.5 | 18.0 | 55    | 116                | 20062              | 174                | 30865              | 184B/200A2 |
|                     |        |       |           | 1561 | 456  | 44    | 800                | 9100               | 1200               | 14000              |            |
| 16.00R29            | ★★★    | TT/TL | 11.25/2.0 | 64.2 | 17.7 | 40    | 116                | 19400              | 174                | 29983              | 183B/199A2 |
|                     |        |       |           | 1630 | 450  | 32    | 800                | 8800               | 1200               | 13600              |            |
| 480/95R29           | ★★★    | TT/TL | 13.00/2.5 | 65.6 | 19.7 | 58    | 116                | 20834              | 174                | 31967              | 186B/201A2 |
|                     |        |       |           | 1666 | 500  | 46    | 800                | 9450               | 1200               | 14500              |            |
| 505/95R29           | ★★★    | TT/TL | 13.00/2.5 | 68.0 | 20.4 | 58    | 116                | 24030              | 174                | 36817              | 191B/205A2 |
|                     |        |       |           | 1728 | 518  | 46    | 800                | 10900              | 1200               | 16700              |            |

MS402 > E4

Deep grooved shoulder lugs and solid center bar provides exceptional traction and maximum tread life in rigid dump truck applications.

- ▶ Excellent traction on maintained haul roads
- ▶ Solid tread centerline minimizes vibration and increases tread life
- ▶ Wide, square footprint distributes load for minimal haul road disturbance
- ▶ Reinforced bead, shoulder and sidewall for increased cut-resistance
- ▶ Heat-resistant undertread reduces tire temperature
- ▶ Multiple tread compound options target specific site requirements



TIRE TECHNICAL SPECIFICATIONS & APPLICATIONS



| SIZE     | RATING | TYPE | RIM       | O.D.  | S.W. | T.D.  | TREAD COMPOUND             | TMPH/TKPH | INFLATION PRESSURE | L.C.C.<br>(LBS/KG) | L.I. |
|----------|--------|------|-----------|-------|------|-------|----------------------------|-----------|--------------------|--------------------|------|
|          |        |      |           | in    | in   | 32nds |                            |           | psi                | 30 mph             |      |
|          |        |      |           | mm    | mm   | mm    |                            |           | KPa                | 50 kph             |      |
| 18.00R33 | ★★     | TL   | 13.00/2.5 | 73.6  | 19.6 | 66    | Cut-Resistant (S2)         | 116/169   | 102                | 24000              | 191B |
|          |        |      |           | 1869  | 497  | 52    | Standard (S1)              | 145/212   | 700                | 10900              |      |
| 24.00R35 | ★★     | TL   | 17.00/3.5 | 85.9  | 25.9 | 71    | Cut-Resistant (S2)         | 182/265   | 102                | 40800              | 209B |
|          |        |      |           | 2183  | 658  | 56    | Standard (S1)              | 226/330   | 700                | 18500              |      |
|          |        |      |           |       |      |       | Heat-Resistant (S3)        | 264/386   |                    |                    |      |
|          |        |      |           |       |      |       |                            |           |                    |                    |      |
| 30.00R51 | ★★     | TL   | 22.00/4.5 | 114.2 | 33.9 | 93    | Ultra Cut-Resistant (S2UC) | 271/395   | 102                | 74000              | 230B |
|          |        |      |           |       |      |       | Cut-Resistant (S2)         | 329/480   |                    |                    |      |
|          |        |      |           | 2901  | 860  | 74    | Standard (S1)              | 401/585   | 700                | 33500              |      |
|          |        |      |           |       |      |       | Heat-Resistant (S3)        | 477/695   |                    |                    |      |