

USES AND CHARACTERISTICS OF OFF-THE-ROAD TYRES

The qualities which off-the-road tyres must possess differ somewhat according to the function they must serve and the type of vehicles on which they are mounted.

These differences are outlined in Table.

| Type | Function | Vehicles | Main characteristics required |
|--------------------|------------------------|--|--|
| Earthmover | Transporting |  | Cut-resistance Wear-resistance Heat-resistance Shock burst-resistance |
| Load and dozer | Loading and dozing |  | Cut-resistance Wear-resistance |
| Grader | Grading ,leveling |  | Traction Maneuverability (directional stability) |
| High-speed vehicle | High-speed transpoting |  | Heat-resistance Wear-resistance Traction |
| Industrial | Handling |  | Wear-resistance Impact and Puncture resistance Heat-resistance |
| Compactor | Compacting |  | Oil-resistance, Cut-resistance, Wear-resistance |

C-1 COMPACTOR TIRES

- Applicable for vibrating roller operate on many kinds of pavement materials such as compacted subgrade and bituminous street
- With excellent damping and compaction performance
- Reversed arc tread design wide and flat
- Tread compound has excellent oil resistance



| CAT. No. | No. | Tire Size | Ply Rating | Speed Symbol | Tire Type | Pattern | Section Width | | Overall Diameter | | Max. Speed | | Inflation Pressure | | Max. Load | | Design Rim Width | Tire Valve | Tread Depth | |
|-----------|----------|------------|------------|--------------|-----------|---------|---------------|------|------------------|------|------------|-----|--------------------|-----|-----------|-------|------------------|------------|-------------|---------|
| | | | | | | | mm | ins | mm | ins | km/h | mph | kPa | psi | kg | lbs | | | (mm) | (32nds) |
| TBA | 11AGE056 | 9.5/65-15 | 6 | A2 | TT | C-1 | 235 | 9.3 | 673 | 26.5 | 10 | 5 | 325 | 47 | 1315 | 2900 | 7.00 | TR15 | 12.0 | 15.1 |
| A3GGE 001 | A1AGE005 | 7.50-15 | 14 | A2 | TT | C-1 | 215 | 8.5 | 785 | 30.9 | 10 | 5 | 875 | 127 | 2900 | 6400 | 6.00 | DG10 | 20.0 | 25.2 |
| A3GGE 004 | A1AGE004 | 7.50-16 | 14 | A2 | TT | C-1 | 215 | 8.5 | 810 | 31.9 | 10 | 5 | 925 | 134 | 3075 | 6780 | 6.00G | DG05C | 18.0 | 22.7 |
| TBA | 11AGE057 | 10.5/80-16 | 6 | A2 | TT | C-1 | 263 | 10.4 | 812 | 32.0 | 10 | 5 | 300 | 44 | 1875 | 4135 | 8.00 | TR15 | 12.0 | 15.1 |
| TBA | 11AGE002 | 12.00-16 | 12 | A2 | TT | C-1 | 315 | 12.4 | 1020 | 40.2 | 10 | 5 | 550 | 80 | 4625 | 10200 | 8.50 | DG09C | 26.0 | 32.8 |
| TBA | 11AGE008 | 9.00-20 | 12 | A2 | TT | C-1 | 255 | 10.0 | 1015 | 40.0 | 10 | 5 | 625 | 91 | 4000 | 8800 | 7.00 | DG07C | 20.0 | 25.2 |
| 13GGE008 | 11AGE009 | 9.00-20 | 14 | A2 | TT | C-1 | 255 | 10.0 | 1015 | 40.0 | 10 | 5 | 725 | 105 | 4375 | 9650 | 7.00 | DG07C | 20.0 | 25.2 |
| TBA | 11AGE021 | 9.00-20 | 16 | A2 | TT | C-1 | 255 | 10.0 | 1015 | 40.0 | 10 | 5 | 825 | 120 | 4750 | 10500 | 7.00 | DG07C | 20.0 | 25.2 |
| A3GGE 007 | A1AGE013 | 11.00-20 | 16 | A2 | TT | C-1 | 290 | 11.4 | 1080 | 42.5 | 10 | 5 | 725 | 105 | 5450 | 12000 | 8.00 | DG09C | 22.0 | 27.7 |
| TBA | A1AGE015 | 11.00-20 | 18 | A2 | TT | C-1 | 290 | 11.4 | 1080 | 42.5 | 10 | 5 | 825 | 120 | 5800 | 12800 | 8.00 | DG09C | 22.0 | 27.7 |
| TBA | A1AGE014 | 11.00-20 | 24 | A2 | TT | C-1 | 290 | 11.4 | 1080 | 42.5 | 10 | 5 | 1125 | 163 | 7100 | 15655 | 8.00 | DG09C | 22.0 | 27.7 |
| 13GGE010 | 11AGE003 | 12.00-20 | 16 | A2 | TT | C-1 | 315 | 12.4 | 1120 | 44.1 | 10 | 5 | 675 | 98 | 6000 | 13230 | 8.50 | DG09C | 26.0 | 32.8 |
| TBA | 11AGE043 | 12.00-20 | 24 | A2 | TT | C-1 | 315 | 12.4 | 1120 | 44.1 | 10 | 5 | 1025 | 149 | 7500 | 16535 | 8.50 | DG09C | 26.0 | 32.8 |
| A3GGE 008 | A1AGE012 | 13/80-20 | 16 | A2 | TT | C-1 | 320 | 12.6 | 1060 | 41.7 | 10 | 5 | 800 | 116 | 5450 | 12015 | 8.50 | DG09C | 20.0 | 25.2 |
| 13GGE009 | 11AGE004 | 14/70-20 | 14 | A2 | TT | C-1 | 355 | 14.0 | 980 | 38.6 | 10 | 5 | 500 | 73 | 4270 | 9400 | 11.00TG | DG05C | 28.0 | 35.3 |