

# 50/80R57 HA993



### Characters:

1. Wider tread volume provide better running traction and higher wear resistance.
2. Better cut resistance.
3. Applicable for various mine conditions even rough mud haul-road.



### Technical Data

| Tire Size | Unit   | Dimensions of New Tire(mm) |                       |                |                        |                       |                    | Dimensions of In-service Tire |                           |                      |                             |                      | Rim       |          | TKPH    |
|-----------|--------|----------------------------|-----------------------|----------------|------------------------|-----------------------|--------------------|-------------------------------|---------------------------|----------------------|-----------------------------|----------------------|-----------|----------|---------|
|           |        | Tread Depth                | Overall Section Width | Section Height | External Tire Diameter | Rolling Circumference | Inter capacity (L) | Maximum Overall Section Width | Maximum External Diameter | Static Loaded Radius | Static Loaded Section Width | Minimum Dual Spacing | Standard  | Optional | Average |
| 50/80R57  | mm     | 85                         | 1266                  | 1090           | 3620                   | 9878                  | 6520               | 1342                          | 3619                      | 1572                 | 1554                        | 1583                 | 34.00/5.0 |          | 1170    |
|           | inches | 3.35                       | 49.84                 | 42.91          | 142.52                 | 388.90                |                    | 52.83                         | 142.48                    | 61.89                | 61.18                       | 62.32                |           |          |         |

### Payload Limit Under Different Air Pressure

| 50/80R57 | Air Pressure  | kPa  | 450    | 475    | 500    | 525    | 550    | 575    | 600             |
|----------|---------------|------|--------|--------|--------|--------|--------|--------|-----------------|
|          |               | psi  | 65     | 69     | 73     | 76     | 80     | 83     | 87              |
|          | Payload Limit | kg   | 58000  | 60000  | 63000  | 65000  | 67000  | 71000  | <b>73000**</b>  |
|          |               | lbs. | 128000 | 132500 | 139000 | 143000 | 147500 | 156500 | <b>161000**</b> |

Note: 1. The number in boldface means the HIGHEST payload of it's star class in the same cell.

2. When highest speed is 65 km/h, the payload should decrease 12% with the same pressure.

