

PETRONAS TUTELA MR 3



Special Multipurpose Automotive Grease

PETRONAS TUTELA MR 3 is a special multi-purpose lithium-based grease for the lubrication of wheel hub bearing and the general grease lubrication of heavy commercial vehicles. The product has light brown colour and has a soft and stringy texture.

Applications

TUTELA MR3 recommended for general automotive applications such as wheel bearings, steering fittings, grease cups etc. in machinery of every make, type and power rating.

Features and Benefits

- Excellent mechanical stability, keeps grease leakage to a minimum.
- Excellent anti-oxidant characteristics for improved lubricant endurance.
- High resistance to water to withstand the fading action caused by water.
- High thermal stability for use in temperatures from -20 °C to 120 °C.

Specifications

Tutela MR 3 meets or exceeds requirements of:

| Standards | TUTELA MR 3 |
|-----------|-------------|
| NLGI | 3 |

Typical Properties

| Characteristics | Test Method | Units | TUTELA MR 3 |
|-------------------------------------|-------------|--------|----------------------|
| Appearance | Visual | - | Smooth & Transparent |
| Colour | Visual | - | Light Brown |
| Structure | Visual | - | Stringy |
| Penetration, @ 25 °C Worked | ASTM D 217 | 0.1 mm | 240 |
| Dropping Point | ASTM D 566 | °C | 205 |
| Heat Stability @ 100 °C, 30 hr | ASTM D 6184 | - | Nil |
| Resistance to water washout @ 80 °C | ASTM D 1264 | wt % | 4 |
| Viscosity of Base Oil @ 40 °C | ASTM D 445 | cSt | 160 |

Health, Safety and Environment

For further assistance on product MSDS, recommendation or technical queries, please liaise with the regional technical services engineer or contact HQ technical engineers.

PETRONAS LUBRICANTS (INDIA) PVT. LTD.

Unit No. 603, C-Wing, Corporate Avenue, Opp. Solitaire Corporate Park, Chakala, Andheri (East), Mumbai-400 093, INDIA

Tel: + (9122)67717500 (GL), F: + (9122) 67257457, E-mail: IN-Query-EX@pli-petronas.com.

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