



## PETRONAS TUTELA MR 3

### SPECIAL MULTI-PURPOSE GREASE

Special multi-purpose lithium-based grease for the lubrication of heavy commercial vehicle 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

- As it exceeds the strict quality requirements of the major European Manufacturers, TUTELA MR3 can be used in machinery of every make, type and power rating.

#### Advice on use

- TUTELA MR3 is available in NLGI 3 grade. For agricultural machinery replacement should be as indicated by the constructor; however, in any case every 50 hours. For industrial vehicles oil replacement should be as indicated by the constructor.

#### Specifications

- NLGI 3, FIAT 9.5580 C.T.R No. F002.I90, IVECO 18.1810

#### RECOMMENDED BY

Fiat, Lancia, Alfa Romeo, Iveco

#### 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.

#### Typical characteristics:

TEST	TEST METHOD	RESULT
APPEARANCE	VISUAL	SMOOTH & BUTTERY
COLOUR	VISUAL	LIGHT YELLOW
STRUCTURE	VISUAL	STRINGY
DROPPING POINT (°C)	ASTM D 566	190
HEAT STABILITY AT 100°C / 30 Hrs.	ASTM D 6184	0.5
RESISTANCE TO WATER WASHOUT AT 80 °C wt%	ASTM D 1264	4
KINEMATIC VISCOSITY OF BASE OIL ( mm <sup>2</sup> /s )	ASTM D 445	—
@ 40 °C	—	160
@ 100 °C	—	15.2



## Customer Advice

This product data sheet and the information contained therein is believed to be accurate. Data provided is based on standard tests under laboratory conditions and is given as a guide only. No responsibility is taken by the company for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. For further assistance on product MSDS, recommendation or technical queries, please liaise with the regional technical services engineer or contact HQ technical engineers.

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