



# Texol Grease™ WRF 2

## Technical Data Sheet

### Texol Grease™ WRF 2

Fully synthetic extreme pressure inorganic silica grease

### Product Description

Texol Grease™ WRF 2 Grease is a very unique high temperature grease. The inorganic silica thickening system and polyalkylene glycol ( PAG ) base oils have very good high temperature stability and provide a low coefficient of friction. Texol Grease™ WRF 2 has good extreme pressure properties and provides good bearing protection under heavy loads, shock loads and high temperatures. Texol Grease™ WRF 2 Grease is recommended for use in the temperature range of -40°C to 280°C.

### Applications and Uses

- Typical industrial and mobile equipment applications are anti-friction bearings, low and high speed journal bearings, general machinery lubrication, all chassis points including ball and universal joints, wheel bearings, flywheel bearings, king pins, fifth wheels and other severe duty applications

### Features and Benefits

- Inorganic silica thickener
  - Excellent thermal stability
  - Heat, shear and work stability
  - Anti-wear properties
  - Extreme pressure properties
- No gum at high temperature.
  - Extended lubrication cycles.
  - Minimal physical changes.
  - Reduces friction and wear.
  - Resists shock loads.

### General Description

Texol Grease™ WRF 2 Grease is a extreme pressure, water resistant lubricant manufactured with polyalkylene glycol base oils, an inorganic silica thickener and rust and oxidation inhibitors. It provides outstanding film strength, adhesive properties, superior wear protection in heavily loaded and shock-load conditions. This product provides excellent lubrication over a wide range of operating conditions.

The statements made in this publication are according to our present knowledge. They do not absolve the user from own examinations. A legally binding assurance of certain properties or suitability for a specific use can no be derived from our statements. Possibly existing laws and regulations concerning the handling and use of our products have to be observed by the receiver of our products himself.



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#### Characteristics

|                                          |                        |            |
|------------------------------------------|------------------------|------------|
| NLGI Grade                               | 2                      |            |
| Penetration, worked ( 60 strokes ) mm/10 | 265                    | ASTM D217  |
| Base oil viscosity at 40°C, cSt          | 610 mm <sup>2</sup> /s | ASTM D445  |
| 100°C, cSt                               | 92.6                   |            |
| Viscosity Index ( Base Fluid )           | 232                    | ASTM D2270 |
| Base Fluid Type                          | Polyalkylene glycol    |            |
| Thickener Type                           | Inorganic silica       |            |
| Colour                                   | brown                  |            |
| Dropping point °C                        | not measurable         | ASTM D2265 |
| 4-Ball EP Test, Weld Load, kg            | 740                    | ASTM D2596 |
| Useful Temperature Range °C              | -40 to 280             |            |