

# TEXOL

## Chemical

### *Technical Data Sheet*

#### **Texol Grease™ BNT 2**

Extreme pressure inorganic bentonite grease

#### **Product Description**

Texol Grease™ BNT 2 Grease is a very unique high temperature grease. The inorganic bentonite thickening system and high quality mineral base oils and MoS<sub>2</sub> have very good high temperature stability and provide a low coefficient of friction. Texol Grease™ BNT 2 has good extreme pressure properties and provides good bearing protection under heavy loads, shock loads and high temperatures. Texol Grease™ BNT 2 is recommended for use in the temperature range of -20°C to 150°C.

#### **Applications and Uses**

- Plain and anti-friction bearings
- Lightly loaded gears
- Extreme pressure applications
- Wet and wash-down areas
- Classification KP 2 N-20

#### **Features and Benefits**

- Inorganic bentonite 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™ BNT 2 Grease is an extreme pressure, water resistant lubricant manufactured with high quality mineral base oils, an inorganic bentonite 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.

# TEXOL

## Chemical

### *Technical Data Sheet*

#### **Texol Grease™ BNT 2**

Extreme pressure inorganic bentonite grease

#### **Characteristics**

NLGI Grade	2	
Penetration, worked ( 60 strokes ) mm/10	280	ASTM D217
Base oil viscosity at 40°C, cSt	250 mm <sup>2</sup> /s	ASTM D445
100°C, cSt	37.7	
Viscosity Index ( Base Fluid )	185	ASTM D2270
Base Fluid Type	Mineral + MoS <sub>2</sub>	
Thickener Type	Inorganic bentonite	
Colour	Dark green to black	
Dropping point °C	>220	ASTM D2265
4-Ball EP Test, Weld Load, kg	315	ASTM D2596
Useful Temperature Range °C	-20 to 150	