

TEXOL

Chemical

Technical Data Sheet

Texol Grease™ HDX 00

Extreme pressure lithium complex grease

Product Description

Texol Grease™ HDX 00, very unique high temperature grease. The lithium complex thickening system and high quality mineral base oils and TFAS additive system have very good high temperature stability and provide a low coefficient of friction. Texol Grease™ HDX 00 has good extreme pressure properties and provides good bearing protection under heavy loads, shock loads and high temperatures. Texol Grease™ HDX 00 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 00 N-20

Features and Benefits

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

General Description

Texol Grease™ HDX 00 is an extreme pressure, water resistant lubricant manufactured with high quality mineral base oils, a lithium complex 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.

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NLGI Grade	00	
Penetration, worked (60 strokes) mm/10	420	ASTM D217
Base oil viscosity at 40°C, cSt	180 mm ² /s	ASTM D445
Viscosity Index (Base Fluid)	126	ASTM D2270
Base Fluid Type	Mineral	
Thickener Type	Lithium complex	
Colour	Yellow	
Dropping point °C	>180	ASTM D2265
4-Ball EP Test, Weld Load, kg	330	ASTM D2596
Useful Temperature Range °C	-20 to 150	