

TEXOL

Chemical

Technical Data Sheet

Texol Grease™ HSX 000

Fully synthetic grease for low temperature – High Speeds

Product Description

Texol Grease HSX 000 fully synthetic ester base, special calcium thickener and antioxidant, antiwear anticorrosive additives.

It is a lubricant accepted for incidental food contact, classified as H1.

Applications and Uses

Grease specially indicated for lubrication of roller bearings, plain bearings and other mechanisms working at:

- Very high speeds, with a speed factor up to 1.200.000 (speed factor: Average bearing diameter in mm X rotational speed in rpm).
- Low temperatures, down to -60°C.

Suited for application in spindle bearings in CNC tool machines in the metalworking industry, bearings and other mechanisms in freezing tunnels in ice cream and frozen food production.

Developed for the lubrication of gears in wind energy plants having very good protection against wear and corrosion. It keeps constantly the dynamic viscosity under shear action and shows excellent low temperature behavior and oxidation stability even if contaminated with water.

Advantages

- Excellent thermal stability
- Compatible with elastomers and plastics, used in robots
- Good compatibility when coming in contact with EPDM seals or even beer foam enhancing seal life and reduction in down time
- Working temperature from -60°C up to +150°C
- Low coefficients of friction, low temperature rise in the bearing
- Resistant to cold and hot water
- Long-term stability
- High corrosion protection

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Base oil viscosity at 40°C	11.5 mm ² /s	DIN 51562
Operating temperature range°C	-60 up to +150	
Colour	beige	
Dropping point °C	>180	DIN ISO 2176
NLGI class	000	DIN 51818