

Technical Data Sheet

Texol Grease™ HSX-E 2

Fully synthetic grease for rolling bearing

Product Description

Texol Grease HSX-E 2 fully synthetic ester base, special calcium thickener and antioxidant, antiwear anticorrosive additives.

Applications and Uses

Texol Grease HSX-E 2 is used for Rolling bearings, e.g. in electric motors where smooth running is required and a wide range of temperatures is to be covered, e.g. in traction motors.

The grease can also be used for the main bearings in wind power stations and plastic/plastic or plastic/steel friction points.

- Applications requiring low starting torques at low temperatures
- Axlebox bearings with line contact, e.g. railways
- Wide service temperature range and excellent low-temperature stability owing to the special synthetic base oil
- Recommended for roller bearings due to the adequate oil separation behavior, particularly under sliding friction conditions

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	100.5 mm ² /s	DIN 51562
Operating temperature range°C	-60 up to +150	
Speed factor($n \times d_m$), mm $\times$ min ⁻¹	850,000	
Colour	beige	
Dropping point °C	>240	DIN ISO 2176
NLGI class	2	DIN 51818
Texture	homogeneous short-fibred	