



# Texol Grease™ HSX-B Series

## Technical Data Sheet

### Texol Grease™ HSX-B Series

Fully synthetic grease for rolling and plain bearings

### Product Description

Texol Grease HSX-B series are fully synthetic hydrocarbon oil, special barium complex thickener and antioxidant, antiwear anticorrosive additives.

### Applications and Uses

Texol Grease HSX-B series are used for rolling and plain 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, in high speed, high load; also suitable for low temperatures.

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 and plain bearings due to the adequate oil separation behavior, particularly under sliding friction conditions
- Recommended for electric contacts and components.

### 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



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

Property (Unit)	B 00	B 0	B 1	B 2	Method
NLGI grade	00	0	1	2	DIN 51 818
Base oil viscosity at 40°C	30	30	30	30	DIN 51 562
Base oil viscosity at 100°C	5.7	5.7	5.7	5.7	DIN 51 562
Colour	Beige				
Thickening agent	Barium complex				
Corrosion protection ( Emcors )	0				DIN 51 802
Speed factor ( $n \times d_m$ ), mm x min <sup>-1</sup> , approx.	1,200,000				
Dropping point °C	>240				DIN ISO 2176
Four Ball weld point, N	2800				DIN 51 562
Pour Point, °C	<-65	<-65	<-62	<-60	DIN ISO 3016