

TEXOL

Chemical

Technical Data Sheet

Texol Grease™ HS Series

Fully synthetic high speed greases with special additive combination

Product Description

Texol Grease HS series are a short-fibered, solid-free Grease for long-term lubrication of high-speed Rolling bearings and lubrication of cables in robots.

The fully synthetic structure in combination with special additives guarantees low coefficients of friction and long relubrication intervals. It is also suitable for electric contacts and components.

Applications and Uses

- High-speed spindle bearings in the textile industry
- Grinding spindles in machine tools
- Milling spindles in wood working machines
- High-speed electric motors, free-wheels
- Electroconductive flexible roller bearings, interrupter tubes
- Lifetime lubrication of cables
- Ring spinning spindles
- Ventilators
- Miniature bearings

Advantages

- Excellent thermal stability
- Compatible with elastomers and plastics, used in robots
- Compatible with elastomers and plastics such as PUR, PVC, Polyester, used in modern robots
- Optimum wear protection
- Low coefficients of friction, low temperature rise in the bearing
- Extreme structural stability
- Resistant to cold and hot water
- High corrosion protection

Characteristics

Property (Unit)	HS 00	HS 0	HS 1	HS 2	Method
NLGI grade	00	0	1	2	DIN 51 818
Base oil viscosity at 40°C	20	20	20	20	DIN 51 562
Colour	light beige				
Operating temperature range, °C	-60 up to +150				
Dropping point °C	>220				DIN ISO 2176
Four Ball weld point, N	1200				DIN 51 562
Pour Point, °C	< -60	< -60	< -60	< -60	DIN ISO 3016

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