



Texol Grease™ HSX-AU 2

Technical Data Sheet

Texol Grease™ HSX-AU 2

Fully synthetic grease for low temperature – High Speeds

Product Description

Texol Grease™ HSX-AU 2 fully synthetic polyalphaolefin base, special lithium thickener and antioxidant, antiwear anticorrosive additives. They are especially designed for the application at low temperatures and for bearings running at high speeds in the normal temperature range. Good compatibility with plastics and elastomers.

Texol Grease™ HSX-AU 2 is specifications according to: VW/AUDI-TL-VW 778 A; BMW – GKM No. 0127 403, 0127 473; DBL – 6827.40; Brose – 002-563501-104 group 3; Opel – B 0040 0060 for HSX-AU 2

Applications and Uses

- Door lock cylinders and door locks in vehicle construction
- Rolling and sliding bearings, clutch bearings, window lifters, sun roofs, seats, headlamps, fan flaps and Wheel hubs for long-term and lifetime lubrication at low temperatures
- Bearings running at high speeds ($n \times dm$ – factor up to 1 mio.).
- Grease-lubricated sliding surfaces at temperature from -60°C to +150°C

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
- Compatible with plastics such as polacetal (e.g. "Delrin") and polamide (e.g. "Ultramid")
- Compatible with elastomers based on synthetic materials (e.g. NBR,CR) and NR-base as well as with rubber
- 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
- Do not affect top coat paints e.g. in vehicle construction
- 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

Base oil viscosity at 40°C	16.8 mm ² /s	DIN 51562
Operating temperature range°C	-60 up to +150	
Colour	beige	
Dropping point °C	>180	DIN ISO 2176
Worked penetration	265-295	DIN ISO 2137
Water resistance at +90°C	0	DIN 51807 T.1
Corrosion protection (SKF Emcor)	0	DIN 51802
Oil separation at +40°C (wt.%)	3.7	DIN 51817
Flow pressure at -40°C (hPa)	585	DIN 51805
NLGI class	2	DIN 51818

Technical Expertise

Texol experts on Texol Grease™ series lubricants are regionally located to respond to your needs. Whether you have a question about products, applications or regulations, Texol offers comprehensive customer and technical service.



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