

DESCRIPTION

SUPER-SYN LX Grease is a lithium complex thickened lubricating grease based on synthetic oil. The grease contains antioxidants, corrosion inhibitors and EP/AW additives based on bismuth technology. The thickener, together with the high viscosity synthetic base oil blend, makes the product suitable for heavily loaded bearings in low to medium speed applications, applications at elevated temperatures, and wet and corrosive environments. The complex soap structure gives the product a high degree of mechanical stability, which enhances the performance in vibrating housings and prolongs re-lubrication intervals. The specially developed bismuth additive package provides an enhanced ability to carry high loads, and to resist vibrations and shock loads. SUPER-SYN LX Grease is a modern high performance synthetic product suitable for both industrial and automotive applications. The product's all-round properties and wide temperature range make it the primary choice for various types of bearing applications including in high load conditions. The consistency of the lubricating grease makes it suitable for use in industrial centralized lubrication systems.

SUMMARY OF BENEFITS

- Excellent Thermal and Oxidation Stability
- Excellent Shock Load Resistance
- Excellent Load Carrying
- Maximum Equipment Life

SPECIFICATIONS

- ISO 12924: L-XD(F)DIB1.5
- DIN 51502: KPHC1.5N-40

TYPICAL CHARACTERISTICS

TEST DESCRIPTION	TEST METHOD	RESULTS
THICKENER	-	LITHIUM COMPLEX
BASE OIL VISCOSITY@ 40°C/@ 100°C	ASTM D7152/ASTM D7152	460MM ² /S, 51MM ² /S
BASE FLUID	-	SYNTHETIC OIL
TEXTURE	-	SMOOTH
COLOUR	VISUAL	BEIGE
NLGI GRADE	ASTM D 217 MOD	1.5
DROPPING POINT	IP 396	> 260°C
4-BALL WELD LOAD	DIN 51350:4	3200 N
EMCOR SALT WATER	ISO 11007	≤ 2 - 2
WATER RESISTANCE @ 90°C/@ 79°C	DIN 51807:1/ISO 11009	1/< 10 %
FLOW PRESSURE @-40°C	DIN 51805 MOD	< 1400 MBAR
SKF R2F B @150°C	SKF	PASS
DENSITY	IP 530	870 KG/M3
TEMPERATURE RANGE	-	-40°C TO +150°C (MAX +220°C)

Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute any legal liability.

STORAGE INSTRUCTIONS & HEALTH, SAFETY AND ENVIRONMENT INFORMATION

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C. Health, safety and environmental information is provided for this product in the relevant Materials Safety Data Sheet, which can be obtained by contacting Gulf Western Oil on: 02 9673 9600.

Aug 2024