

Product Data Sheet

SL24 simalube grease for wide temperature range (EP)

ISO 12924: L-XC(F)CIB2
DIN 51502: KP2N-30

Product Description

SL24 is a lithium complex thickened lubricating grease based on mineral oil. The grease contains antioxidants, corrosion inhibitors and EP/AW additives.

The lithium complex soap makes the product suitable for applications within a very wide temperature range and especially applications at elevated temperatures. The complex soap structure also gives the product a high degree of mechanical stability, which enhances the performance in vibrating housings and prolongs re-lubrication intervals. At higher temperatures specific additives create a durable tribofilm that lowers friction and decrease wear.

SL24 is a modern high performance product setting a new standard for a truly universal grease, suitable for both industrial and automotive applications. The product's allround properties make it the primary choice for various types of bearing applications, including heavy load conditions and temperature peaks up to 180°C. This grade is suitable as replacement of PTFE containing products used in rolling element bearings.

Very good corrosion protection
Good resistance to shock loads
Good thermal resistance

Technical data

Thickener		Lithium complex
Base oil		Mineral oil
Texture		Smooth
Colour	Visual	Yellow brown
NLGI Grade	ASTM D 217	2
Dropping point	IP 396	> 260°C
Kinematic viscosity at 40°C	ASTM D 7152	260 mm ² /s
Kinematic viscosity at 100°C	ASTM D 7152	17 mm ² /s
Penetration 60 strokes	ISO 2137	265 – 295
4-ball weld load	DIN 51350:4	3000 N
4-ball wear scar [400N/1h]	DIN 51350:5 mod.	0,40 mm
Water resistance at 90°C	DIN 51807:1	1
Water wash out at 79°C	ISO 11009	< 10 %
Emcor salt water	ISO 11007	≤ 2 – 2
Flow Pressure at –30°C	DIN 51805	< 1400 mbar
R2F-B at 140°C	SKF	Pass
Density	IP 530	910 kg/m ³
Temperature range		–30°C to +140°C

The information above is based on current production data and can vary within given tolerances. Temperature range is given as a guideline only. Information and data can be changed without previous notification. This information replaces prior editions.