



Lithium XL Complex Grease

Extreme pressure, long life grease

Product code: Z109

Product Description:

Lithium XL Complex is a lithium complex thickened lubricating grease based on mineral oil. The grease contains antioxidants, corrosion inhibitors and EP/anti-wear additives. The lithium complex soap makes the product suitable for applications over 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.

Benefits:

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

Applications:

Lithium XL Complex 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 all-round properties make it the primary choice for various types of bearing applications, including heavy load conditions and temperature peaks up to 180°C.

Typical Test Data:

Thickener	Lithium Complex
Base Fluid	Mineral Oil
Texture	Smooth
Colour	Red
NLGI Grade (ASTM D217 mod.)	2
Dropping Point (IP 396)	> 260°C
Base Oil Viscosity @ 40°C (ASTM 7152)	210 cSt
Base Oil Viscosity @ 100°C (ASTM 7152)	16 cSt
Penetration, 60 Strokes (ISO 2137)	265 - 295
4-Ball Weld Load (DIN 51350:4)	2800 N
Water Resistance @ 90°C (DIN 51807:1)	1
Water Washout @ 38°C (ISO 11009)	< 10%
Emcor, Salt Water (ISO 11007)	≤2 - 2
Flow Pressure @ -20°C (DIN 51805 mod.)	< 1400 mbar
SKF R2F B @ 140°C (SKF)	Pass
Density (IP 530)	900 kg/m ³
Temperature Range	-30°C to +140°C (Max +180°C)



TECHNICAL DATA SHEET

Product Specification:

ISO 12924: L-XC(F)DIB2

DIN 51502: KP2N-30

Volvo Standard 1277.2

NLGI Standard GC-LB

Pack Sizes:

Available in 500g cartridges only.