

Product information

Meguin Lithium-Komplexfett LX2P



Description

High-temperature grease based on a lithium complex soap with highly effective additive packages and EP additives.

Properties

Resistant to both cold and hot water, and can be used across an extremely wide range of temperatures. Selected additives improve the resistance to aging and the protection against wear and corrosion. Chemically active EP additives also take effect under the highest loads.

Approvals and recommendations

Lincoln lubrication systems

Operating temperature range

-30 °C to +140 °C
short term to +180 °C

Characteristic data

Brief description	KP2N-30 DIN 51502
Operating temperature range	-30 - +140, short term to +180 °C
NLGI number	2 DIN 51818
Thickener	lithium complex
Worked penetration	265-295 1/10 mm DIN ISO 2137
Dropping point	> 260 °C DIN ISO 2176
Color / appearance	blue
Oil separation after 18 hours at 40 °C	0,8 % DIN 51817
Oil separation after 7 days at 40 °C	2,7 % DIN 51817
Flow pressure at -30 °C	< 1400 mbar DIN 51805
Emcor corrosion class	0/0 DIN 51802
Copper corrosion after 24 hours at 100 °C	1 b DIN 51811
Behavior in the presence of water	1-90 DIN 51807 part 1
Four-ball tester material load/weld force	2800/3000 N DIN 51350 part 4
Four-ball tester wear/indentation diameter	0,6 mm DIN 51350 part 5
Base oil	mineral oil

Characteristic data

Viscosity at 40 °C	210,0 mm ² /s ASTM D 7042-04
Flash point	246 °C DIN ISO 2592
Pour point	-24 °C DIN ISO 3016
Recommended storage temperature	5 - 25 °C

Application

Is particularly suitable for the long-term lubrication of roller and plain bearings at high temperatures and under extreme loads. Main area of use in automotive and heavy industry, for lubrication points with high storage temperature with simultaneously high surface pressure.

Available pack sizes

400 g Cartridge plastic	8645 D-GB-F-HR-RUS-GR
5 kg Bucket plastic	8646 D-GB
15 kg Bucket plastic	8647 D-GB
25 kg Bucket plastic	8648 D-GB
50 kg Bucket black plate	8649 D-GB
180 kg Black plate barrel	8650 D-GB

