Li-plex EP2

High-temperature and heavy duty grease

Li-plex EP2 greases are high performance high-temperature greases for heavily loaded rolling-element bearings. They are based on high viscosity index mineral oil and a special lithium complex soap thickener. A part from containing the latest additives to ensure excellent high temperature, anti-corrosion & anti-oxidation performance, they also contain full EP additives to ensure the grease can handle high pressures.

Applications

Li-plex EP2 greases are especially suitable for slow-moving bearings subjected to high operating temperatures in heavy industries and Recommend for wheel bearings of industries, electric-motor lubrication, Continuous casting, roller conveyors, and highly-stressed bearings in construction machineries should extra time between of lubrication intervals is required.
This grease is also suitable for the lubrication of rolling-element bearings and plain bearings in the mining, cement and steel industry. Further applications are found in sugar and paper production as well as in marine and offshore technology.

Performance Features

- Resistant to high temperatures
- Extremely high pressure resistance
- High load capacity
- Excellent protection against wear
- Very good corrosion-preventive ability
- Good resistance to water

Technical Data: Li-plex EP2

Characteristics	Unit	Value	Test Method
Reference		KP2P-20	DIN 51502
Color		green	
Texture		homogeneous	
Thickener		Lithium complex soap	
Base oil type		Special Mineral	
NLGI grade		2	DIN 51818
Cone penetration, worked [25°C]	0.1mm	265-295	ASTM D 217
Kinematic viscosity of the base oil [40°C]	mm^2/s	Approx. 460	DIN 51562
High Temperature range	°C	+160	LLS 134
Low Temperature range	°C	-20	LLS 134
Dropping point	°C	+250	IP 396

KELBOR®

Lubrication Solutions for Industry

KELBOR develops, produces and sells high-performance lubricants and process media all over the world. The product range covers the fields of special lubricants, lubricants for all industry and lubricants for metal working and forming technology. All product formulations are based on latest tribological knowledge.