

Lithium complex EP lubricating greases

ISO L-XCDHB 2, 3

FORPLEX EP

FORPLEX EP lithium complex EP lubricating greases have smooth, slightly elongated structure. They are produced on the basis of high viscosity index mineral oils and special additives.

ADVANTAGES

- Excellent EP and antiwear properties for longer time period
- Exceptional protection against corrosion and oxidation
- Excellent mechanical and colloidal stability
- Excellent shear resistance (owing to highly stable complex thickener and controlled production technology)
- Excellent temperature stability (dropping point over 250°C)
- Excellent water resistance
- Good rheological properties in wider temperature interval

QUALITY LEVEL

ISO 6743-9: L-X CDHB 2, 3

SKF LGWA 2

DIN 51 502: KP 2N -30; KP 3N -30

SCOPE OF APPLICATION

- Construction, mining, agricultural machinery
- Transportation means

APPLICATION

FORPLEX EP lubricating greases are used for the lubrication of roller and sliding bearings, cylindrical bearings for heavy-duty conditions, bearings of road and rail wheels, pump bearings, fans, in difficult working conditions, under heavy loads and low number of revolutions, under moisture conditions and for a wide range of applications in industry.

- Temperature range of application: -30°C to +140°C, short-term up to 220°C

TYPICAL CHARACTERISTICS

Characteristics	Units	Values		Methods
FORPLEX EP	-	2	3	DIN 51818
Colour	-	yellow-brown		visual
Soap type/Thickener	-	Lithium complex		-
NLGI grade	-	2	3	DIN 51 818
Working penetration at 25°C , 60 cycles	mm/10	280	235	SRPS ISO 2137
Dropping point	°C	250		ASTM D 2265
Kinematic viscosity of base oil at 40°C	mm ² /s	ca 185		SRPS ISO 3104
Oil separation, 168 h /40 °C	%	2		BS 2000/121
Water washout, 1h/79,4 °C	%	2		ASTM D 1264
EMCOR test,168h, dist. water	ocena	0/0		DIN 51 802
Average wear diameter	mm	0.5		ASTM D 2266
Weld load	N	8000		ASTM D 2596
FAG FE 9 (140 °C /1500N/6000o/min),L ₅₀	h	> 100		DIN 51 821/2
Temperature of application	°C	- 30 to + 140, short-term up to 220		

STORAGE

Store in a covered area, protected from direct influence of sun and moisture, away from the ignition source. Recommended storage temperature: - 5°C to +25°C.

All necessary instructions can be found in the product SDS. It contains the details of possible hazards, warnings and first aid measures, as well as the impact on the environment and the necessary measures for the storage and handling.

PACKING

Cans of (0,8, 4 and 20) kg and tin drums of 180 kg.

Data are orientational, manufacturer reserves the right to make changes in order to improve product quality.