

Calcium complex EP lubricating grease **ISO L-XBDHB 2/1**

FOR[®] S CAPLEX

FOR[®] S CAPLEX calcium complex EP lubricating grease. It has extraordinary adhesion to lubricating surfaces, prevents wear of lubricating assembly blocks.

ADVANTAGES

- Possibility of application in wide temperature interval
- Very high resistance to washout effect of water and moisture
- Resistance to mild solutions of acids and alkalis
- Good high loads carrying capacity

QUALITY LEVEL

ISO 6743-9: L-XBDHB 2/1

DIN 51 502: : KP-2/1N -25

SCOPE OF APPLICATION

- Mining, construction, steel mills
- Chemical, textile industry

APPLICATION

FOR S CAPLEX[®] is applied for the lubrication of roller and sliding bearings and lubricating assembly blocks exposed to unfavourable operating conditions, influence of water, mild solutions of alkalis and acids, increased and high loads, vibrations. It is especially intended for the lubrication of buffers of the railway carriages, equipment for continuous casting, rolling mill stands, forging presses and other equipment, where impact loads and high specific loads are significant.

- Temperature range of application: -25 to +140°C

TYPICAL CHARACTERISTICS

Characteristics	Units	FOR S CAPLEX®	Methods
Colour		light brown	visual
Soap type/Thickener	-	Calcium complex soap	-
NLGI grade		2/1	DIN 51 818
Working penetration at 25°C , 60 cyc.	mm/10	300	SRPS ISO 2137
Penetration change at 25°C, 10000 cyc.	%	5	SRPS ISO 2137
Dropping point	°C	260	ASTM D 2265
Kinematic viscosity of base oil at 40°C	mm²/s	ca 100	SRPS ISO 3104
Oil separation, 168 h /40 °C	%	1	BS 2000/121
Water washout, 90 °C	rating	0	DIN 51807/1
EMCOR test,168h, dist. water	rating	0/0	DIN 51 802
Weld load	N	8000	ASTM D 2596
Temperature of application	°C	- 25 to +140	

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

Can of 20 kg and tin drum of 180 kg.

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

