

Lithium lubricating greases with additive MoS₂
ISO L-XCCEB 000, 00 ISO L-XCCEB 2

FOR[®] MSF

FOR[®] MSF: smooth structure lithium lubricating greases are based on EP additives and solid lubricating additives that increase ability of lubricating film to carry high specific loads and provide safety of lubricating assembly block particularly in case when regular re-lubrication is more difficult.

ADVANTAGES

- Excellent EP and antiwear properties
- It provides protection of lubricating assembly block against vibration wear - „fretting“ and scuffing
- Excellent mechanical stability
- Good adhesion, the film of exceptional resistance to high pressures is formed on the contact surfaces
- Good resistance to influence of water and moisture
- High degree of protection of the lubricating assembly block from corrosion and rust
- Excellent lubricity for high and impact loads

QUALITY LEVEL

ISO 6743-9: L- X CCEB 000, 00

ISO 6743-9: L-X CCHB 2

DIN 51502:KPF 000K-30,

DIN 51502:KPF 00K-30

DIN 51502:KPF 2K-30

SRPS B.H3.666

SCOPE OF APPLICATION

- Mining equipment
- Construction equipment
- Transportation means
- Technological machines
- Motor vehicle steering gears

APPLICATION

- FOR[®] 000/00 MSF - lubrication of sliding and roller bearings in central lubrication systems in conditions of high and impact loads.
- FOR[®] 2 MSF – lubrication of loaded roller and sliding bearings, slideways, clamps, joints, threaded spindles, dog clutches and other lubricating assembly blocks operating under high and impact loads.
- Temperature range of application: -30°C to +130°C

TYPICAL CHARACTERISTICS

Characteristics	Units	Values			Methods
FOR® MSF	-	000	00	2	-
Colour	-	black			visual
Thickener	-	Lithium soap			-
NLGI	-	000	00	2	DIN 51 818
Working penetration at 25°C , 60 cycles	mm/10	420	370	280	SRPS ISO 2137
Dropping point	°C	150	160	190	SRPS ISO 2176
Kinematic viscosity of base oil at 40°C	mm²/s	115			SRPS ISO 3104
Oxidation stability,100h/100°C	kPa	25			ASTM D 942
Oil separation, 168h/40 °C	%	-	-	4	BS 2000/121
Water washout 1h/79,4 °C	%	-	-	5	ASTM D 1264
EMCOR test,168h, dist. water	rating	-	-	0/0	DIN 51 802
Weld load	N	> 5000			ASTM D 2596
Temperature of application	°C	-30 to +130			

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

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

