

Lithium lubricating grease with solid additives

ISO L-XCCHB 2

FOR[®] 21MS

FOR[®] 21MS: lithium EP lubricating grease based on solid lubricating additives for increasing the lubricating film resistance to high pressures.

ADVANTAGES

- Excellent mechanical, colloidal and oxidation stability
- High degree of protection of the lubricating assembly block against corrosion and rust
- Excellent lubricity in high and impact loads in the area of elevated operating temperatures
- Good increased pressures carrying capacity
- Good resistance to influence of water and moisture

QUALITY LEVEL

ISO 6743-9: L-X CCHB 2

DIN 51 502: :KPF 2K-30

SCOPE OF APPLICATION

- Mining, construction machinery
- Steel mills
- Technological machines

APPLICATION

FOR[®] 21MS lubricating grease is applied for the lubrication of machine assembly blocks and elements exposed to high impact loads and increased operating temperatures.

It is especially intended for the lubrication of highly loaded dog clutches, ball joints, sliding mechanisms, axial and sliding bearings on continuous casting, rolling mill stands, bearings on multi-ton presses, guides, cardan joints and other assembly blocks.

- Temperature range of application: -30 to +130°C

TYPICAL CHARACTERISTICS

Characteristics	Units	FOR® 21MS	Methods
Colour		black	visual
Soap type/ Thickener	-	Lithium soap	-
NLGI grade		2	DIN 51 18
Working penetration at 25°C , 60 cyc.	mm/10	280	SRPS ISO 2137
Dropping point	°C	190	SRPS ISO 2176
Kinematic viscosity of base oil at 40°C	mm ² /s	ca 115	SRPS ISO 3104
Oxidation stability 100h/100 °C	kPa	25	ASTM D 942
Oil separation, 168h/40 °C	%	5	BS 2000/121
Water resistance, 90 °C	rating	1	DIN 51 807/1
EMCOR test,168h, dist. water	rating	0/0	DIN 51 802
Weld load	N	6000	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.

