

Aluminum complex EP lubricating greases

ISO L-XCDIB 00, 0, 1, 2, 3

FAMALPLEX[®] EP

FAMALPLEX[®] EP: aluminum complex EP lubricating greases with smooth gel structure. They are produced on the basis of high viscosity index mineral oils. They have good colloidal, mechanical, thermal and chemical stability and good rheological properties. They are exceptionally resistant to water and moisture and to gentle solutions of acids and alkalis.

ADVANTAGES

- Exceptional mechanical stability.
- Excellent shear stability.
- Good thermal and chemical stability.
- Good rheological properties.
- They are exceptionally resistant to water and moisture and to mild solutions of acids and alkalis.
- Increased high loads carrying capacity.
- Very high temperature stability (dropping point over 220°C).
- Very good pumpability.

QUALITY LEVEL

ISO 6743-9: L- XCDIB 00, 0, 1, 2, 3

DIN 51 502: KP 00N-30, KP 0N-30, KP 1N-30

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

SCOPE OF APPLICATION

- Automotive industry
- Agricultural and construction machinery
- Textile industry
- Paper industry
- Steel mills

APPLICATION

- Lubrication of sliding and roller bearings and other mechanical assembly blocks in medium-speed, moderate-load conditions and elevated operating temperatures in significant effect of a humid atmosphere.
- Lubrication of equipment in steel mills, hot rolling mills due to its reversibility i.e. the ability to maintain consistency after heating and re-cooling, on continuous steel casting and other equipment where there is significant influence of elevated loads, temperature and water washout effect.
- Lubrication of reducers and other power transmissions, hubs, sliding mechanisms, chains, vehicle chassis.
- Lubrication of roller bearings on presses for pellet production.

December, 2016

FABRIKA MAZIVA FAM • Jug Bogdanova 42 • 37000 Kruševac • Serbia

Tel. ++381 37 422078; 423261 • Fax. ++ 381 37 426241; 424008

www.fam.rs

- FAMALPLEX[®] 00/00/0/1 – suitable for the central lubrication system.
- Temperature range of application: -30°C do +150 °C

TYPICAL CHARACTERISTICS

Characteristics	Units	Values					Methods
		00	0	1	2	3	
FAMALPLEX [®] EP		00	0	1	2	3	
Colour		brown					visual
Soap type/Thickener	-	Aluminum complex soap					-
NLGI grade	-	00	0	1	2	3	DIN 51 818
Working penetration at 25 °C , 60 cycles	mm/10	400	365	315	280	240	SRPS ISO 2137
Dropping point	°C	220		230	240		ASTM D 2265
Kinematic viscosity of base oil at 40°C	mm ² /s	ca 350			ca 300		SRPS ISO 3104
Oxidation stability,100h/100°C	kPa	30					ASTM D 942
Oil separation, 30h/100°C	%	-	3	2	1		FTMS 791m. 321
Water stability, 1h/79,4°C	%	-	5	3	2		ASTM D 1264
Weld load	N	3150			4000		ASTM D 2596
Flow pressure, -30 °C	mbar	1500	1800	2200	2700	3500	DIN 51 805
Temperature of application	°C	-30 to +150					

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 kg 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.