

Foodgrade oils

Gear oils ISO L-CKC

FAMREDOL[®] ULTRA FG

FAMREDOL[®] ULTRA FG are high quality oils produced from white oils and non-toxic additives approved for use in food industry. They are tasteless and odourless. This oils are manufactured in several viscosity grades.

ADVANTAGES

- Enduring high pressures;
- Good antiwear properties enable efficient lubrication;
- High oxidation and thermal stability;
- Good anticorrosion and antirust protection;
- Good antifoaming properties;
- Good demulsibility properties. It is possible to drain the water easily from the lubrication system;
- Neutrality towards standard elastomers which are used as sealing materials.

QUALITY LEVEL

ISO 6743-6



They meet the requirements of USDA H1 and FDA group 21 CFR 178.3570 (lubricants that may come in contact with food). They can be used as oils corresponding to the qualities of HLP, HVLP, CLP and VB.

APPLICATION

FAMREDOL[®] ULTRA FG oils are applied:

- for general lubrication in all systems where the use of lubricants for which direct contact with food is permitted, in accordance with the HACCP program;
- for the lubrication of closed gear and worm gearboxes operating under high and impact loads and at elevated or lower operating temperatures where the use of lubricants for which direct contact with food is permitted, in accordance with the HACCP program;
- in circulating lubrication systems for gears, sliding and rolling bearings where it is required to use the lubricants for which direct contact with food is permitted, in accordance with the HACCP programme;
- for the lubrication of low and medium loaded friction nodes, sliding and rolling bearings, folds, chains and other mechanisms operating at temperatures from - 20°C to + 175°C where it is required to use lubricants for which direct contact with food is allowed, in accordance with the HACCP programme;
- in the pharmaceutical industry;
- in the cosmetics industry;
- in agriculture;
- in the animal food production industry;
- in the food industry:

In the meat industry, egg farms, fish processing and seafood factories, wine production, bottling and juice factories, fruit and vegetable processing, cheese and dairy products manufacturing, bakeries, confectionery industry, pasta production, food preservation factories, water bottling factories, edible oil production factories, sugar producers, in the processing of vegetables, meat, fat and sugar.

December, 2016

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

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

www.fam.rs

TYPICAL CHARACTERISTICS

	FAMREDOL® ULTRA FG				METHOD
	150	220	320	460	
Density at 15°C, g/ml	0.88	0,89	0,90	0.90	SRPS EN ISO 3675
Kinematic viscosity at 40°C, mm ² /s	150	220	320	460	SRPS ISO 3104
Kinematic viscosity at 100°C mm ² /s	15,0	19.5	24.50	31.0	SRPS ISO 3104
Viscosity index	100	101	98	97	SRPS ISO 2909
Flash point, °C	220	240	260	260	SRPS EN ISO 2592
Pour point °C	-21	-18	-18	-15	SRPS ISO 3016
Cu corrosion, 3h/100°C, degree	1				SRPS EN ISO 2160
Steel corrosion, degree	satisfactory				SRPS ISO 7120
Foaming, ml/ml					SRPS ISO 6247
Sequence I: 24°C	≤ 50/0				
Sequence II: 93.5°C	≤ 50/0				
Sequence III : 24°C after 93.5°C	≤ 50/0				

STORAGE

Store in covered area. If stored outdoors, it is necessary to place the drums in a horizontal position to prevent the accumulation of water on the surface of the drum. Do not store at elevated temperatures or in locations exposed to direct sunlight.

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

Drums 180kg and plastic containers 20L.

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

