

Gear oils

ISO L-CKC/CKD/CKE

FAMREDOL[®] ULTRA SINT

FAMREDOL[®] ULTRA SINT is a high-quality fully synthetic oil produced from polyalphaolefin (PAO) and additives that provide outstanding antiwear properties as well as outstanding performance at extreme pressures and with an extended period of use.

ADVANTAGES

- Enduring high pressures;
- Excellent antiwear properties enable efficient lubrication;
- Reduced volatility. Mineral oil based lubricants, especially at high operating temperatures, tend to evaporate, viscosity increases and the product becomes cloudy. The use of synthetic oils greatly eliminates these problems;
- High oxidation and thermal stability at high temperatures and pressures prolong the service life of the oil and the system;
- High viscosity index and low pour point increase the temperature range of the application;
- Good protection against corrosion and rust, it protects steel components even in the presence of water;
- Good antifoaming properties;
- Good demulsibility properties. It is easy to drain the water from the lubrication system;
- Neutrality towards standard elastomers used as sealing materials.

QUALITY LEVEL

ISO 6743-6

ISO 12925-1 CKC/CKD/CKE

DIN 51517/3 CLP

SIEMENS MD FLENDER GEARBOXES

AGMA 9005-E02

AIST 224

DAVID BROWN S1.53.101

APPLICATION

FAMREDOL[®] ULTRA SINT oils are applied:

- for the lubrication of the enclosed gear units operating under high and impact loads and at elevated or lower operating temperatures;
- for the lubrication of closed worm gearboxes operating in conditions of high and impact loads and at elevated or lower operating temperatures;
- in circulating lubrication systems for gears, sliding and roller bearings.

FAMREDOL[®] ULTRA SINT oils:

- provide the highest level of protection against wear, which ensures long service life of the equipment, gears and bearings;
- have longer service life of one filling compared to the gear oils produced from mineral oil;
- have wider temperature range of application compared to the gear oils produced from mineral oil;
- can be applied in humid environments;
- can be applied at elevated temperatures;

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- have low maintenance costs;
- they are very safe in exploitation.

FAMREDOL® ULTRA SINT oils are compatible with gear oils produced from mineral oil. When mixing with mineral gear oil, the performance of FAMREDOL® ULTRA SINT oil is reduced. When switching from mineral gear oil to FAMREDOL® ULTRA SINT oil, it is recommended to thoroughly clean the system to obtain the maximum positive effect of using FAMREDOL® ULTRA SINT oil.

TYPICAL CHARACTERISTICS

	FAMREDOL® ULTRA SINT								METHOD								
	68	100	150	220	320	460	680	1000									
Density at 15°C, g/ml	0,88	0,89	0,89	0,89	0,90	0,90	0,91	0,91	SRPS EN ISO 3675								
Kinematic viscosity at 40°C, mm ² /s	68	100	150	220	320	460	680	1000	SRPS ISO 3104								
Kinematic viscosity at 100°C, mm ² /s	11,0	14,5	20,0	26,0	34,0	44,2	58,0	76,0	SRPS ISO 3104								
Viscosity index	150								SRPS ISO 2909								
Flash point, °C	240	250	250	260	260	280	280	280	SRPS EN ISO 2592								
Pour point, °C	-45	-42	-42	-42	-42	-39	-36	-36	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.