



EPR

REV.2 OF 03/2023

LEVELS OF QUALITY

The lubricants of the series EPR comply with the following levels of quality:

- ISO CKC
- US STEEL 224
- DIN 51517/3 CLP
- FZG 12+

DESCRIPTION

The series of EPR oils is composed by products typically used for the lubrication of enclosed gears, chain drives, sliding guides and sprocket wheels. They are suitable also for hypoid gears and axles of a worm gear motor.

The main feature of EPR oils is its heavy-load resistance and the prevention of wear phenomena in gears because it forms a very resistant lubricant film able to endure even higher loads.

EPR oils protect iron, copper, and bronze components effectively from corrosion at normal operating temperatures.

A high viscosity index ensures a much easier cold start, whereas the thickness of the lubricant film offsets the effects of metallic corrosion at higher temperatures. Furthermore, they contain sulphur-phosphorous based EP additives.

TYPICAL FEATURES*

ISO VG	68	100	150	220	320	460	680
Density at 15°C.Kg./dm ³ ASTM D1298	0.880	0.885	0.900	0.900	0.905	0.910	0.915
Viscosity at 40°C.cSt ASTM D445	61.2 to 74.8	90 to 110	135 to 165	198 to 242	288 to 352	414 to 505	612 to 748
Viscosity at 100°C.cSt ASTM D445	8	11,5	15	19 to 21	24 to 26	30 to 32	36 to 38
Viscosity Index ASTM D2270	100	100	100	100	100	100	90
Flammability V.A.°C ASTM D92	205	216	220	230	240	250	260
Pour Point °C ASTM D97	-15	-12	-12	-12	-9	-6	-6
Colour ASTM D 1500	4	4.5	5.5	5.5	6.0	7.0	8.0
Copper corrosion ASTM D 130	1a	1a	1a	1a	1a	1a	1a
Sulphated ash %p ASTM D 874	0.01	0.01	0.01	0.01	0.01	0.01	0.01

*The above mentioned values are indicative of production average values and are not an integral part of the specification.