CORFIN GEAR OIL
Mineral-Based gear oil

Corfin Gear Oil – Mineral-Based Gear Oil is a high-performance, multi-purpose, heavy-duty gear oil formulated with extreme pressure (EP) and special additives. It is brownish-yellow in color and has a high viscosity index. It maintains high performance for extended periods at operating temperatures between -15°C and 120°C, depending on the viscosity grade, without compromising its chemical and thermal stability.

Properties

- Provides efficient power transmission between gear components.
- Provides excellent wear protection.
- Reduces friction.
- Provides excellent resistance to aging and oxidation
- Provides excellent foam control.
- Provides superior corrosion protection.
- Excellent viscosity-temperature characteristics .
- Maintains its performance under load.
- Compatible with metal surfaces and elastomers; does not adversely affect components such as copper and iron.

Application

- In circulating, splash, or spray lubrication systems.
- In worm gear mechanisms.
- In heavy-duty gearboxes.
- In guideways, chains, and gear couplings
- For centralized lubrication of plain and rolling bearings.

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		ISO VG 46	ISO VG 68	ISO VG 100	ISO VG 150	ISO VG 220	ISO VG 320	ISO VG 460	ISO VG 680
Colour	Visual	Yellow Brown	Yellow Brown	Brown	Brown	Brown	Brown	Brown	Brown
Appearance	Visual	Clear and Bright							
Viscosity (40 °C)	ASTM D445	46	68	100	150	220	320	460	680
Viscosity Index	ASTM D2270	95	95	97	95	98	>100	>100	>100
Flash Point (°C)	ASTM D92	>250							
Pour Point (°C)	ASTM D97	<-20	<-20	<-20	<-20	<-20	<-15	<-15	<-15
Copper Corrosion (3h-100°C)	ASTM D130	1a							
Foam Characteristics (24-93.5°C)	ASTM D892	5 - 0	5 - 0	5 - 0	10 - 0	10 - 0	10 - 0	10 - 0	10 - 0
Density (20°Cg/ml)	ASTM D1298	0,87	0,87	0,88	0,88	0,89	0,89	0,90	0,90
Pass Test	ASTM D665B	It passes							
Wear Protection 392N (40kg), 1200 rpm, 75°C	ASTM D4172	max. 0,35							