CORFIN SNT GEAR OIL

Synthetic-Based Gear Oil

Corfin Snt Gear Oil – Synthetic-Based Gear Oil is a high-performance, multi-purpose, heavy-duty gear oil formulated %100 PAO-based synthetic oil with extreme pressure (EP) and special additives. It is colorless to light yellow and has a high viscosity index. It maintains high performance for extended periods at operating temperatures between -25°C and 150°C, depending on the viscosity grade, without compromising its chemical and thermal stability.

Properties

- Thanks to the anti-wear additives in its mixture and its superior lubrication capabilities under harsh conditions, it is suitable for gear systems. It provides superior protection against wear and tear caused by fatigue, metal fracture, friction marks, linear grooves, and abrasion corrosion,extending the oil change interval.
- Reduces sludge and sediment buildup for trouble-free operation and longer filter life.
- It protects the equipment and extends its lifespan, prolonging its service life
- Thanks to its rapid separation from water and air,it providesreliable lubrication even in hydraulic systems under harsh conditions
- Thanks to its anti-foaming properties,it provides long-lasting and effective lubrication.

Application

- In lifetime oil-filled worm gearboxes, especially high-ratio/low-efficiency gearboxes
- All industrial heavy-duty gears including straight, helical, bevel, spur gears and worm gear mechanisms. in their gearboxes,
- Especially in gearboxes located in hard-to-reach places where oil changes are difficult.
- In the central lubrication of sliding and rolling bearings.
- In slides,chains, and gear couplings.

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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
Appearance	Visual	Clear and Bright							
Viscosity (40 °C)	ASTM D445	46	68	100	150	220	320	460	680
Viscosity Index	ASTM D2270	>120							
Flash Point (°C)	ASTM D92	>250							
Pour Point (°C)	ASTM D97	<-20							
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	0,84	0,84	0,85	0,85	0,86	0,86	0,88	0,90
Pass Test	ASTM D665B	It passes							
Wear Protection 392N (40kg), 1200 rpm, 75°C	ASTM D4172	max. 0,35							