

MANNOL Gear Oil ISO 680

2808

MANNOL Gear Oil ISO 680 - high-quality oil with anti-scuff properties, primarily designed for lubricating industrial gears operating under severe conditions. Its high load-carrying capacity and anti-friction characteristics ensure excellent performance in gear systems.

Enclosed gearboxes.
MANNOL Gear Oil ISO 680 contains an effective sulfur-phosphorus additive package, providing the oil with excellent anti-scuff properties and ensuring reliable operation of most enclosed gearboxes that include steel spur and helical gears in their design.

Heavy-duty gearboxes.
The effective additive package with anti-scuff properties allows MANNOL Gear Oil ISO 680 to be used for heavy-duty gearboxes.
MANNOL Gear Oil ISO 680 is suitable for lubricating bearings and other components that are lubricated by splash or circulation lubrication systems.

Features and Benefits:
• Long service life of the oil – reduced operating costs. MANNOL Gear Oil ISO 680 is formulated to provide resistance to thermal and chemical decomposition throughout the oil's lifespan. Its resistance to high temperatures and deposit formation ensures an extended service life even with oil temperatures up to 100 °C in some applications.
• Excellent wear and corrosion protection. The oil's excellent load-carrying capacity helps reduce wear on steel and bronze bearing components and gear teeth. MANNOL Gear Oil ISO 680 offers superior corrosion resistance, protecting both steel and bronze parts even in the presence of water and solid particles.
• Equipment efficiency. The excellent demulsifying properties of MANNOL Gear Oil ISO 680 allow for easy removal of water from the lubrication system, extending gearbox life and ensuring more effective lubrication. Water can significantly increase surface fatigue of gears and bearings and cause corrosion on the internal surfaces of components. Therefore, water ingress into the oil should be avoided or immediately removed from the system.

Specifications
ISO Viscosity Grade 680
Fives Cincinnati Machines P-34
ISO 12925-1 Type CKD
ISO 12925-1 Type CKC
DIN 51517-3 CLP
ANSI AGMA 9005-EO2 EP
DANIELI
DAVID BROWN S1.53.101(E)
DAVID BROWN S1.53.101 TYPE E
GE D50E35E
SEW-EURODRIVE
AIST (US STEEL)224
SEB 181 226
FLENDER (SIEMENS)
MAG 74
MAG 77

PACKAGING

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	2808-DR		