Matrix
specialty lubricants

FOODMAX GEAR 680

Productcode: 263500701

Food grade gear oil

This product is a Food Grade Gear oil in which a combination of the latest base stock technology together with special additives has resulted in a very high performance. All base materials used for the formulation are non-toxic and food grade. This product is NSF H1 registered for incidental food contact.

Thanks to its great performance characteristics and carefully chosen additives, it can be used in most applications in the manufacturing process in the food production and processing industry. These products are developed for the lubrication of gears and gearboxes, conical and helical gears, bearing, chains, screws, joints and in general any application requiring a viscosity from ISO 680.

Performance level
- DIN 51524/2
- DIN 51389/2
- DIN 51527 part 3
- Agma 9005-E02
- ISO 6743/6 CKB,CKC
- ISO 12925 CKB,CKC
- US Steel 127 and 136

Typical Performance Data

Property	Test method	Value
Colour		Transparent
Density @ 20 °C, kg/dm³		0.870
Viscosity @ 40 °C, mm²/s	ASTM D445	680
Viscosity index	ASTM D2270	120
Pour point, °C	ASTM D97	<-12
Flash point, °C	ASTM D92	>250
Water Separability, ml oil/ml water/ml emulsion	ASTM D1401	40/37/3 (30 min)
4 ball weld load, kg		170
FZG A/8.3/90		12
NSF registration		151737
Kosher approved		Yes
Halal approved		Yes

All performance data on this Technical Data Sheet are indicative only and can vary during production.