



Product Data Sheet:

INDUSTRIAL GEAR OIL CLP 680

Product Description:

INDUSTRIAL GEAR OIL CLP 680 is a premium quality heavy duty gear oil, primarily recommended for enclosed gear units working under severe shock operating conditions.

INDUSTRIAL GEAR OIL CLP 680 is formulated from carefully selected base stocks and sulphur/phosphorous extreme pressure (EP) additives.

INDUSTRIAL GEAR OIL CLP 680 provides excellent protection against high loads, prevent damage on tooth- and friction surfaces. Furthermore **INDUSTRIAL GEAR OIL CLP 680** shows excellent protection against rust and oxidation, while the excellent demulsification of the product allows easy water drain off.

INDUSTRIAL GEAR OIL CLP 680 is recommended for the lubrication of enclosed spur, helical, bevel and worm gears.

Specifications:

Exceeds: DIN 51517-3: CLP, ISO 12925-1: L-CKC, AGMA 9005 E-02
AIST (US Steel) Req. No 224, David Brown S1.53 101(E)

Property:	Test Method:	Typical Values:
ISO Viscosity Grade	ISO 3448	680
Density @ 15°C	ASTM D4052	906 kg/m ³
Kinematic Viscosity @ 40°C	ASTM D7042	612-748 mm ² /s
Kinematic Viscosity @ 100°C	ASTM D7042	38.2 mm ² /s
Viscosity Index	ASTM D2270	>95
Flash Point	ASTM D92	>240°C
Pour Point	ASTM D97	<-15°C
Total Acid Number (TAN)	ASTM D974	0.5 mgKOH/g
FZG Load Stage	DIN 51354-2	12
Demulsibility @ 82°C	DIN 51599	<30 min.

Product nr: 4370	Date Issued: 31/08/2012	Date Superseded: 12/07/2010	Revision nr: 01
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