



Product Data Sheet:

INDUSTRIAL GEAR OIL CLP 460

Product Description:

INDUSTRIAL GEAR OIL CLP 460 is a premium quality heavy duty gear oil, primarily recommended for enclosed gear units working under severe shock operating conditions.

INDUSTRIAL GEAR OIL CLP 460 is formulated from carefully selected base stocks and sulphur/phosphorous extreme pressure (EP) additives.

INDUSTRIAL GEAR OIL CLP 460 provides excellent protection against high loads, prevent damage on tooth- and friction surfaces. Furthermore **INDUSTRIAL GEAR OIL CLP 460** shows excellent protection against rust and oxidation, while the excellent demulsification of the product allows easy water drain off.

INDUSTRIAL GEAR OIL CLP 460 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	460
Density @ 15°C	ASTM D4052	907 kg/m ³
Kinematic Viscosity @ 40°C	ASTM D7042	414-506 mm ² /s
Kinematic Viscosity @ 100°C	ASTM D7042	30.5 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Product nr: 4370	Date Issued: 31/08/2012	Date Superseded: 12/07/2010	Revision nr: 01
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