



INDUSTRIAL GEAR OIL CLP 460

Product Description:

INDUSTRIAL GEAR OIL CLP 460 is a high performance extreme pressure gear oils developed for lubrication of heavy duty industrial gears working under severe operating conditions.

INDUSTRIAL GEAR OIL CLP 460 is based on high quality mineral base oil in combination with an unique zinc-free additive package to ensure the following properties:

- Excellent load carrying capability protects gears against scuffing and wear and offers long equipment life and reduced maintenance costs.
- High thermo-oxidative stability helps resist deposit formation, provides enhanced system cleanliness and enables longer service intervals.
- Provides effective rust and corrosion protection to all gearbox components.
- Excellent demulsibility property enables trouble-free operation in conditions encountering water/ moisture.

INDUSTRIAL GEAR OIL CLP 460 exceeds the following performance criteria:

DIN 51517-3 CLP	AGMA 9005-F16	ISO 12925-1 CKD
David Brown S1.53.101	AGMA 9005 E-02	JIS K 2219:2006 class 2
AIST 224 (US Steel 224)		



Property	Unit	Test Method	Typical Value
ISO VG Grade		ISO 3448	460
Density@15°C	kg/m ³	ASTM D4052	904.5
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	450.8
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	30.3
Viscosity Index		ASTM D2270	96
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-12
FZG Fail Load Stage, min		DIN 51354-2	>12
Total Acid Number	mg KOH/g	ASTM D664	0.5

Product Nr: 43780
Date Superseded: 20-12-2019

Date Issued: 7-1-2025
Revision nr: 03