



Product Data Sheet:

INDUSTRIAL GEAR OIL SYNTH 100

Product Description:

INDUSTRIAL GEAR OIL SYNTH 100 is a premium quality fully synthetic heavy duty gear oil, formulated from Poly Alpha Olefins (PAO) and selected additives and is primarily recommended for enclosed gear units working under severe shock operating conditions.

INDUSTRIAL GEAR OIL SYNTH 100 provides excellent protection against high loads, prevent damage on tooth- and friction surfaces.

Furthermore **INDUSTRIAL GEAR OIL SYNTH 100** shows excellent protection against rust and oxidation, while the excellent demulsification of the product allows easy water drain off.

INDUSTRIAL GEAR OIL SYNTH 100 is recommended for the lubrication of heavy duty industrial gear boxes working under severe load and high temperatures conditions.

Specifications:

Exceeds: ISO 12925-1 Enclosed Gears of Category CKD, DIN 51517 Part 3 – Lubricating Oils CLP
AGMA 9005-E02 – Extreme Pressure Gear Lubricants,
AIST (US Steel) Requirements No. 224 Lead Free EP Gear Oil, David Brown S1.53.101(E)

Property:	Test Method:	Typical Values:
ISO Viscosity Grade	ISO 3448	100
Density @ 15°C	ASTM D4052	839 kg/m ³
Kinematic Viscosity @ 100°C	ASTM D7042	11.4 mm ² /s
Viscosity Index	ASTM D2270	145
Flash Point (COC)	ASTM D92	>220°C
Pour Point	ASTM D97	-42°C
FZG Load Stage	DIN 51354-2	12

Product nr: 4346

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