



**Product Data Sheet:**

# INDUSTRIAL GEAR OIL SYNTH 320

**Product Description:**

**INDUSTRIAL GEAR OIL SYNTH 320** 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 320** provides excellent protection against high loads, prevent damage on tooth- and friction surfaces. Furthermore **INDUSTRIAL GEAR OIL SYNTH 320** shows excellent protection against rust and oxidation, while the excellent demulsification of the product allows easy water drain off.

**INDUSTRIAL GEAR OIL SYNTH 320** 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, Flender AG  
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	320
Density @ 15°C	ASTM D4052	849 kg/m <sup>3</sup>
Kinematic Viscosity @ 40°C	ASTM D7042	304 – 336 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	150
Flash Point (COC)	ASTM D92	250°C
Pour Point	ASTM D97	-30°C
FZG Load Stage	DIN 51354-2	12

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