

ENDUROGEAR SYN SP 320

PRODUCT DESCRIPTION

Endurogear SYN SP 320 Industrial Gear & Bearing Oil is formulated with proprietary synthetic polyalphaolefin (PAO) base and ester technology with performance additives. The product exhibits enhanced oxidation stability, improved foam control, and maintains superior stability in the presence of water. Endurogear SYN SP 320 provides superior protection against rust, corrosion, and wear over conventional mineral gear oils. Shear resistant synthetic base stocks provide high thermal and oxidation stability and longer service life over conventional gear oils. The high viscosity index of Endurogear SYN SP 320 Industrial Gear Oil provides superior fluid dynamics at both low and high temperature operation. Extreme pressure additives ensure the greatest possible wear protection of equipment under extreme load and shock conditions.

APPLICATIONS & BENEFITS

- Full Synthetic polyalphaolefin (PAO) base provides exceptional low temperature fluidity and high temperature protection of all gears and bearings.
- Superior anti wear and extreme pressure additives provide the highest level of protection in equipment operating under extreme loads.
- Excellent thermal and oxidation stability extends the lubricant service life.
- Outstanding anti-rust and corrosion properties protect all metal parts.
- Improved foam control and superior stability in the presence of water.

PACK SIZES AVAILABLE

5L - 20L - 200L

SPECIFICATIONS

- AGMA 9005-F16 AS
- David Brown S1.53.101 Type M, A & E
- DIN 51517 Part 1, 2 & 3 - CLP
- Fives Cincinnati EP Gear Oils
- GM LS 2 EP Gear Oil
- ISO 12925-1 CKC/CKD
- U.S. Steel 224

TYPICAL CHARACTERISTICS

ENDUROGEAR SYN SP 320	UNITS	VALUES
VISCOSITY	cSt @ 40°C	317
	cSt @ 100°C	40.9
SPECIFIC GRAVITY	@ 15°C	0.911
VISCOSITY INDEX		183
POUR POINT	°C	-30
FLASH POINT	°C	250

The information contained in this Product Data Sheet is accurate at the time of printing and is subject to change without prior notice.

* Vertex is a registered trademark of Lubricants NZ Ltd.

ADDITIONAL INFORMATION

Designed for New Zealand Conditions | Manufactured from virgin base stocks. For more technical information please contact Vertex Lubricants NZ Technical Dept. +64 9 640 0004. Sheet updated 27 June 2023.