

Product Information



Full Synthetic Industrial EP Gear Oil

Premium Gear and Bearing Lubricant

DESCRIPTION

SynGard™ Full Synthetic EP Gear Oils is designed for extended protection of industrial gears and bearings. It is formulated using state-of-the-art additive technology and premium synthetic base stocks to provide exceptional high and cold temperature protection under severe conditions.

SynGard™ Full Synthetic EP Gear Oils provides exceptional thermal and oxidation stability for extended product service life. The product is designed for industrial applications including enclosed gears and heavily loaded plain and roller element bearings.

APPLICATION

SynGard™ Full Synthetic EP Gear Oils are recommended for bearings and gears operating under high temperatures, for applications which experience a wide range of temperatures.

BENEFITS

- Exceptional low pour point and high viscosity index
- Greater film thickness at higher temperatures and
- Lower viscosities at low temperature start up
- Low foaming tendencies
- Oxidation resistance guarding against rust and corrosion

SPECIFICATIONS

American Gear Manufacturers	AGMA 9005-E02
American Petroleum Institute	Service Level GL-3
David Brown	S1.S3.101
Schaeffer Group (FAG)	FAG FE-8 (method)
German Institute of Standardization	DIN 51517 (3) - CLP
General Motors	LS-2
U.S. Steel	US 224



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Product Information

TYPICAL PROPERTIES	Method	150	220	320	460	680
AGMA EP Gear Rating		4 EP	5 EP	6 EP	7 EP	8 EP
Color	D-6045	L2.5	L2.5	L2.5	L3.0	L0.5
Specific Gravity at 15.6°C	D-1298	0.8639	0.8463	0.8591	0.8660	0.8577
Viscosity, cSt at 40°C	D-0445	144.2	221.2	326.9	471.1	668.8
Viscosity, cSt at 100°C	D-0445	21.2	34.2	40.8	55.4	74.7
Viscosity Index	D-2270	172	199	179	185	192
Flash Point, COC °C	D-0092	230	220	224	252	238
Pour Point, °C	D-0097	-34	-39	-34	-44	-28
ML Reference No.		588810	588422	588431	590645	502547

The information on this Product Data Sheet is believed to be accurate and is typical of current production. Specifications are subject to change without notice. For additional qualifications, please contact Martin Technical Service Department.

Health And Safety Information: See separate Safety Data Sheets available on request.

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