



PRODUCT DATA

Castrol Syngear

Castrol Syngear is a premium, synthetic, heavy duty, multi-grade gear lubricant that meets API GL-5 service. Castrol Syngear provides excellent cold weather performance, outstanding stability under higher than normal operating temperatures, and substantial load carrying ability for cooler operation and longer equipment life. Castrol Syngear is ideal for severe service environments and customers who want to extend service intervals.

Features and Benefits

- Castrol Syngear contains 100% synthetic base stocks for outstanding oxidation control and thermal stability for improved fuel economy and longer equipment life.
- Premium additive package protects inhibits rust, corrosion, and wear to protect against premature bearing failure and gear tooth wear.
- Excellent shear stability protects against viscosity loss to safely extend service intervals.
- Accepted and approved by the Eaton Corporation as alternatives to their Eaton Roadranger gear oils.
- Acceptable for use in conjunction with the Eaton Roadranger Extended Warranties

Warranty and Protection Requirements

- Exceeds all manufacturers' warranty requirements for applications requiring a GL-5 full synthetic 75W-90 or 80W-140 Eaton Roadranger approved gear oil

Industry Specifications and OEM Approvals

- API GL-5
- API MT-1
- MIL PRF 2105E
- SAE J2360
- DANA SHAES 256 Rev C
- DANA SHAES 429 Rev A
- Mack GO-J Plus
- International TMS 6816



Typical Properties*

Test	Method	Typical Results	
Grade		75W-90	80W-140
Viscosity at 100C, cSt	ASTM D-445	15.0	312
Viscosity at 40° C, cSt	ASTM D-445	117	29.2
Brookfield Viscosity , °C, cP	ASTM D-2161	109,000	
Viscosity Index	ASTM D-2270	139	139
Flash Point, °C (°F)	ASTM D-92	204 (399)	218 (424)
Pour Point, °C (°F)	ASTM D-97	-45 (-49)	-33 (-27)
Gravity, API	ASTM D-287	33.4	31.3
Specific Gravity, 60F, g/ml	ASTM D-1298	0.8581	0.8692
Pounds per Gallon	ASTM D-287	7.15	7.24

* Due to continual product research and development, the information contained herein is based on products purchased in the U.S. and subject to change without notification. Typical properties may vary slightly.

Part Numbers and UPCs

SAE Grade	75W-90	80W-140
35 LB Pail Part No.	37507	37517
120 LB Keg Part No.	37508	37518
410 LB Drum Part No.	37509	37519

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the applications referred to above and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDSs are available upon request through your sales contact office, or via the Internet at www.castrol.com/us. This product should not be used for purposes other than the applications referred to above. If disposing of used product, take care to protect the environment, return used oil to collection center.

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