



AP Gear

SAE J2360 Approved GL-5 Gear Oil

Description

Castrol AP Gear lubricants are multi-purpose, extreme pressure gear oils that are thermally stable and will provide transmission, differential and other application protection beyond that specified for SAE J2360 (Formerly MIL-PRF-2105E) requirements. This thermal stability extends oil service life and reduces critical component wear. They are recommended for make-up and complete refill of most passenger car and light truck conventional differentials, transmission and steering gears.

Advantages

Castrol AP Gear Lubricants are multi-purpose gear oils that are formulated with high quality base oils and additives to provide:

- Excellent load carrying ability
- EP properties
- Wear resistance
- Oxidation stability
- Anti-rust and anti-corrosion qualities and anti-foam protection

Castrol AP Gear Lubricants are recommended for the following applications

MIL-L-2105E	API Service GL-5
API MT-1 (80W-90)	American Motors
Mack trucks GO-J	Chrysler Corporation
BMW	Clark Equipment Company
General Motors	John Deere Company
Dodge	Eaton
Euclid	Nissan
Ford Motor Company	Renault
Volkswagen	Rockwell International
Navistar	

Warranty and Protection Requirements

- Meets or exceeds all truck or passenger car manufacturer's warranty requirements for vehicles, transmissions, or axles where a GL-5 and/or MIL-L-2105E, SAE J2360 approved 80W-90 or 85W-140 gear oil is specified.

Industry Specifications and OEM Approvals

- API GL-5
- SAE J2360 (Formally MIL-PRF-2105E) Approved

Typical Physical Characteristics

Test	Method	Typical Results 80W-90	Typical Results 85W-140
SAE Grade			
Viscosity at 40°C, cSt	ASTM D-445	160	385
Viscosity at 100°C, cSt	ASTM D-445	16.5	27.5
Viscosity Index	ASTM D-2270	109	97
Viscosity @ 100° F., SUS	ASTM D-2161	812	2055
Viscosity @ 210° F., SUS	ASTM D-2161	83.1	135
Brookfield Viscosity , °C, cP	ASTM D-2983	-26, 125,000	-12, 143,500
Pour Point, °C (°F)	ASTM D-97	-30 (-22)	-15 (5)
Flash Point, °C (°F)	ASTM D-92	216 (420)	218 (424)
API Gravity	ASTM D-287	28	26.3
Specific Gravity, 60°F	ASTM D-1298	0.887	0.897
Pounds per Gallon	ASTM D-287	7.387	7.469

* 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.

Additional Information

Part Numbers and UPCs

SAE Grade	80W-90	85W-140
35 LB Pail Part No.	30217	30317
120 LB Keg Part No.	30218	30318
410 LB Drum Part No.	30219	30319
260 Gal Tote Part No.	302147	303147
Bulk	30210	30310

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