



Product Data

## 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 SAE Grade	Method	Typical Results 80W-90	Typical Results 85W-140
Viscosity at 40°C, cSt	ASTM D-445	135	323
Viscosity at 100°C, cSt	ASTM D-445	14.6	25
Viscosity Index	ASTM D-2270	108	97
Brookfield Viscosity , °C, cP	ASTM D-2983	-26, 71,500	-12, 51,750
Pour Point, °C (°F)	ASTM D-97	-36 (-33)	-21 (-6)
Flash Point, °C (°F)	ASTM D-92	276 (572)	231 (448)
API Gravity	ASTM D-287	29	26.3
Specific Gravity, 60°F	ASTM D-1298	0.883	0.897
Pounds per Gallon	ASTM D-287	7.355	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

AP Gear  
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