

## 76 High Performance Gear Oil

76 High Performance Gear Oil is an extreme-pressure, API GL-5, SAE 80W-90 automotive gear oil specially designed for use in racing applications. It is formulated with a thermally stable and thermally durable additive package fortified with additional EP and antifoam additives to provide excellent protection for gear sets operating under severe conditions of high speed, high temperature, and/or high load. The carefully balanced additive chemistry is designed to minimize oxidative sludge and varnish deposits on critical parts, reduce wear, prevent scoring damage, and provide protection against metal fatigue and spalling damage under shock-load conditions. This oil will provide excellent service in passenger car and truck axles with hypoid gear sets. It is friction-modified to help eliminate chatter on limited-slip and positraction axles.

### ***Applications***

76 High Performance Gear Oil is particularly recommended for use in racing vehicles. It also will provide excellent protection in passenger car and truck axles with either conventional or limited-slip differentials. This oil may be used for initial fill of new or rebuilt limited-slip differentials, for top-off and for refill after a complete drain.

76 High Performance Gear Oil meets or exceeds the requirements of:

- API Service GL-5
- Ford WSP-M2C197-A
- MIL-PRF-2105E
- SAE J2360

### ***Outstanding Features***

- Superior extreme-pressure protection for gear sets operating under heavy load
- Outstanding thermal stability to minimize sludge and varnish formation
- Excellent thermal durability for extended gear life at elevated temperatures and under extreme-pressure conditions
- Excellent load-carrying capacity for protection against scuffing and wear
- Good rust and corrosion protection
- Good foam resistance

**Premium High-  
Performance  
Automotive Gear  
Lubricant, API GL-5**

**Customer Service  
Number:**

**1-888-766-7676**

**Technical  
Hot line:**

**1-800-435-7761**

**E-mail Address:  
76lubricants@  
conocophillips.com**



- Friction-modified to prevent chatter in limited-slip and positraction differentials

**Note:** 76 High Performance Gear Oil is **not** recommended for use in synchromesh manual transmissions with copper or bronze bushings.

### 76 High Performance Gear Oil Typical Properties

SAE GRADE	80W-90
Density, g/cm <sup>3</sup> @ 15.6°C (60°F)	0.887
Color, ASTM D1500	3.0
Flash Point, (COC), °C (°F)	204 (399)
Pour Point, °C (°F)	-36 (-33)
Viscosity,	
cP @ -26°C (Brookfield)	108,500
cSt @ 40°C	141
cSt @ 100°C	14.5
SUS @ 100°F	738
SUS @ 210°F	77.6
Viscosity Index	102
Channel Point, °C (°F)	< -35 (-31)

Due to continual product research and development, the information contained herein is subject to change without notification.

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