

## High Performance Motor Oil

76® High Performance Motor Oil is a high-quality engine oil specially designed for use in gasoline-fueled competition engines and high-performance street engines, including those with flat-tappet camshafts. It also is recommended for use in light trucks and sport utility vehicles operating under severe driving conditions, such as towing heavy loads, where an SAE 20W-50 engine oil is specified.

High Performance Motor Oil is formulated to provide excellent resistance to viscosity and thermal breakdown at high temperatures, to minimize the formation of sludge and varnish, and to protect against rust and bearing corrosion. It is fortified with a high level of zinc dialkyldithiophosphate (ZDDP) additive to provide enhanced wear protection and oxidation resistance for use in the most demanding applications. It is particularly recommended for use in turbocharged engines and in high-performance engines with flat-tappet camshafts, especially during the critical break-in period.

### **Applications**

- Gasoline-fueled competition engines and high-performance street engines, including those with flat-tappet camshafts
- Gasoline-fueled passenger cars, light trucks and sport utility vehicles operating under high-temperature conditions where an SAE 20W-50 engine oil is specified

High Performance Motor Oil meets or exceeds the requirements of:

- API Service SM, SL

### **Features/Benefits**

- Formulated for engines equipped with turbochargers or superchargers
- Enhanced wear protection for racing applications and engines with flat-tappet camshafts
- Resists viscosity and thermal breakdown at high temperatures
- Protects against sludge and varnish formation
- Protects against rust and bearing corrosion
- Good foam resistance

**Engine Oil For  
Competition  
And Other  
High-Performance  
Engines**

**Customer Service  
Number:  
1-888-766-7676**

**Technical Hot Line:  
1-800-435-7761**

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



## High Performance Motor Oil

### Typical Properties

SAE Grade	20W-50
Specific Gravity @ 60°F	0.880
Density, lbs/gal @ 60°F	7.33
Color, ASTM D1500	3.5
Flash Point (COC), °C (°F)	227 (441)
Pour Point, °C (°F)	<-33 (<-27)
Viscosity, Kinematic	
cSt @ 40°C	173
cSt @ 100°C	18.6
Viscosity Index	121
Cold Cranking Viscosity, cP @ -15°C	6,300
High-Temp/High-Shear Viscosity, cP @ 150°C	4.8
Sulfated Ash, ASTM D874, wt %	0.98
Total Base Number (TBN), ASTM D2896	7.8
Phosphorus, wt %	0.108
Zinc, wt %	0.119

### Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3.conocophillips.com/NetMSDS>.

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

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