



High Performance Full Synthetic Motor Oil

76® High Performance Full Synthetic Motor Oil is a premium quality, full-synthetic engine oil designed to provide maximum protection for passenger cars, light trucks and sport utility vehicles operating at extreme temperatures or under severe driving conditions, such as towing heavy loads. It also will provide excellent engine protection in normal everyday service.

High Performance Full Synthetic Motor Oil is formulated with synthetic base stocks that provide enhanced performance benefits compared with conventional engine oils. These benefits include better oxidation resistance and thermal stability at high temperatures for improved protection against viscosity breakdown and deposit formation; lower volatility for reduced oil consumption; and better low-temperature pumpability for easier starting and faster oil circulation at low temperatures. This oil also exceeds U.S. and Japanese (JASO) requirements for valve train wear protection.

High Performance Full Synthetic Motor Oil exceeds new car warranty requirements as defined by ILSAC GF-4. It is "Energy Conserving" for improved fuel economy and is specially formulated for protection of emissions control system catalysts.

Applications

- Passenger cars, light trucks and sport utility vehicles, especially when operating under severe conditions

High Performance Full Synthetic Motor Oil meets or exceeds the requirements of:

- API Service SM, SL, CF (SM, SL only for SAE 0W-20)
- Energy Conserving, ILSAC GF-4
- DaimlerChrysler MS-6395Q (SAE 5W-20, 5W-30, 10W-30)
- Ford WSS-M2C930-A (SAE 5W-20), WSS-M2C929-A (SAE 5W-30), WSS-M2C205-A (SAE 10W-30)
- GM 6094M (SAE 5W-20, 5W-30, 10W-30)

Features/Benefits

- Exceeds ILSAC GF-4 requirements for new cars under warranty
- Friction-modified for improved fuel economy

**Premium
Full-Synthetic
Passenger Car
Engine Oil**

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

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

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- Outstanding resistance to viscosity and thermal breakdown at high temperatures
- Protects against sludge and varnish formation
- Excellent wear protection
- Protects against rust and bearing corrosion
- Low volatility for reduced oil consumption
- Excellent low-temperature pumpability for protection during cold starts
- Formulated to protect emissions control system catalysts
- Good foam resistance

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Typical Properties

SAE Grade	0W-20	5W-20	5W-30	10W-30
Specific Gravity @ 60°F	0.852	0.852	0.853	0.854
Density, lbs/gal @ 60°F	7.10	7.10	7.11	7.12
Color, ASTM D1500	3.0	3.0	3.0	3.0
Flash Point (COC), °C (°F)	229 (444)	229 (444)	235 (455)	232 (450)
Pour Point, °C (°F)	<-45 (<-49)	<-45 (<-49)	<-45 (<-49)	<-45 (<-49)
Viscosity, Kinematic				
cSt @ 40°C	47.2	45.9	60.0	63.0
cSt @ 100°C	8.7	8.3	10.5	10.4
Viscosity Index	168	159	166	154
Cold Cranking Viscosity, cP	5,900	4,000	4,250	3,100
@ (°C)	(-35)	(-30)	(-30)	(-25)
High-Temp/High-Shear Viscosity, cP @ 150°C	2.7	2.7	3.0	3.1
Sulfated Ash, ASTM D874, wt %	0.97	0.97	0.97	0.97
Total Base Number (TBN), ASTM D2896	8.1	8.1	8.1	8.1
Phosphorus, wt %	0.077	0.077	0.077	0.077
Zinc, wt %	0.086	0.086	0.086	0.086

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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