



Syncon® High Performance Synthetic Motor Oil

Conoco Syncon High Performance 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 under severe driving and/or extreme temperature conditions. It also will provide outstanding engine protection in normal everyday service. The full-synthetic formulation provides enhanced performance benefits compared with conventional engine oils, including 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.

Syncon High Performance 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 to help protect and extend the service life of emissions control system catalysts.

Applications

Syncon High Performance Synthetic Motor Oil is recommended for use in passenger cars, light trucks and sport utility vehicles operating under severe driving conditions, as well as in normal everyday service. It exceeds new car warranty requirements as defined by ILSAC GF-4.

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

- API Service SM, SL, CF
- Energy Conserving, ILSAC GF-4
- DaimlerChrysler MS-6395N, MS-6395L
- Ford WSS-M2C929-A (SAE 5W-30), WSS-M2C205-A (SAE 10W-30)
- GM 6094M

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

**U.S. Technical
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1-800-255-9556**

**U.S. Customer
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Features/Benefits

- Exceeds ILSAC GF-4 requirements for new cars under warranty
- Friction-modified for improved fuel economy
- Formulated to help protect emissions control system catalysts
- 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
- Outstanding low-temperature pumpability for protection during cold starts
- Good foam resistance

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Typical Properties

SAE Grade	5W-30	10W-30
Density, g/cm ³ @ 15.6°C (60°F)	0.853	0.854
Color, ASTM D1500	3.0	3.0
Flash Point (COC), °C (°F)	235 (455)	232 (450)
Pour Point, °C (°F)	-42 (-44)	-42 (-44)
Viscosity,		
cSt @ 40°C	60.0	63.0
cSt @ 100°C	10.5	10.4
SUS @ 100°F	305	321
SUS @ 210°F	61.9	61.5
Viscosity Index	166	154
Cold-Cranking Viscosity, cP,	4,250	3,100
@ (°C)	(-30)	(-25)
High-Temp/High-Shear Viscosity, cP @ 150°C	3.0	3.1
Sulfated Ash, ASTM D874, wt %	0.97	0.97
Total Base Number (TBN), ASTM D2896	8.1	8.1
Phosphorus, wt %	0.077	0.077
Zinc, wt %	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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