



Super All Season Synthetic Blend Motor Oil

Conoco Super All Season Synthetic Blend Motor Oil is a premium quality, part-synthetic engine oil designed for use in passenger cars, light trucks and sport utility vehicles under all operating conditions. It is formulated to provide excellent wear protection, to minimize the formation of sludge and varnish, and to resist viscosity and thermal breakdown even in severe service. It also protects against rust and bearing corrosion and has good foam resistance. The part-synthetic formulation provides enhanced oxidation resistance and thermal stability at high temperatures and better pumpability at low temperatures compared with conventional engine oils, for extra protection under all driving conditions.

Super All Season Synthetic Blend 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

Super All Season Synthetic Blend Motor Oil is recommended for use in gasoline-fueled passenger cars, light trucks and sport utility vehicles under all driving conditions. It exceeds new car warranty requirements as defined by ILSAC GF-4. The SAE 5W-20 viscosity grade meets the additional performance requirements for use in Ford, Honda, Mazda and other automobiles that require an SAE 5W-20 engine oil.

Super All Season Synthetic Blend Motor Oil meets or exceeds the requirements of:

- API Service SM, SL
- Energy Conserving, ILSAC GF-4
- DaimlerChrysler MS-6395N, MS-6395L
- Ford WSS-M2C930-A (SAE 5W-20), WSS-M2C929-A (SAE 5W-30), WSS-M2C205A (SAE 10W-30)
- GM 6094M (all grades), GM 9986202 (SAE 5W-20), GM 9986231 (SAE 5W-30)

**Premium
Synthetic Blend
Passenger Car
Engine Oil**

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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
- Excellent resistance to viscosity and thermal breakdown at high temperatures
- Protects against sludge and varnish formation
- Protects against wear
- 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-20	5W-30	10W-30
Density, g/cm ³ @ 15.6°C (60°F)	0.856	0.865	0.871
Color, ASTM D1500	3.5	3.0	3.0
Flash Point (COC), °C (°F)	224 (435)	221 (430)	224 (435)
Pour Point, °C (°F)	-42 (-44)	-39 (-38)	-36 (-33)
Viscosity,			
cSt @ 40°C	51.0	65.0	69.0
cSt @ 100°C	8.7	10.8	10.4
SUS @ 100°F	260	331	354
SUS @ 210°F	55.4	63.0	61.6
Viscosity Index	164	163	157
Cold-Cranking Viscosity, cP			
@ (°C)	(-30)	(-30)	(-25)
High-Temp/High-Shear Viscosity, cP @ 150°C	2.6	3.1	3.1
Sulfated Ash, ASTM D874, wt %	0.94	0.94	0.94
Total Base Number (TBN), ASTM D2896	7.8	7.8	7.8
Phosphorus, wt %	0.077	0.077	0.077

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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