



76 Synthetic HD Arctic Motor Oil

76 Lubricants Synthetic HD Arctic Motor Oil, SAE 0W-30, is a full-synthetic, heavy-duty fleet engine oil specifically designed for use in on-highway diesel trucks and off-highway diesel equipment operating in arctic climates. It also is recommended for use in gasoline-fueled vehicles and in the hydraulic systems of mobile equipment operating at very low ambient temperatures.

Synthetic HD Arctic meets or exceeds the requirements of API Service Categories CH-4, CG-4, CF-4, CF and SJ. It also meets the performance requirements of major OEM specifications, including Cummins CES 20076, Mack EO-M Plus and Volvo VDS-2.

Applications

- Commercial fleets with diesel- and gasoline-fueled vehicles operating in arctic climates
- Off-highway diesel equipment operating at very low ambient temperatures
- Hydraulic systems of mobile equipment operating at very low ambient temperatures
- Automatic and powershift transmissions that require an Allison C-4 fluid and are operating in cold climates

Synthetic HD Arctic Motor Oil meets or exceeds the requirements of:

- API Service CH-4, CG-4, CF-4, CF, SJ
- Allison C-4
- Cummins CES 20076
- Detroit Diesel 7SE270 (4-stroke cycle engines)
- Mack EO-M Plus
- MAN 271
- Mercedes-Benz Sheet 228.1
- Volvo VDS-2
- Diesel engines manufactured by OEMs not listed above, including International (Navistar), John Deere, Hino, Komatsu, Kubota and others

**Universal Fleet
Engine Oil For
Arctic Climates**

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

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Features/Benefits

- Excellent soot control for protection against abrasive wear and soot-induced oil thickening
- Resists viscosity and thermal breakdown at high temperatures
- Protects against sludge and varnish formation
- Excellent wear protection
- Protects against rust and bearing corrosion
- Excellent low-temperature pumpability for easier cold starts
- Good resistance to foaming and aeration

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Typical Properties

SAE Grade	0W-30
Density, g/cm ³ @ 15°C	0.851
Color, ASTM D1500	2.0
Flash Point (COC), °C (°F)	188 (370)
Pour Point, °C (°F)	-45 (-49)
Viscosity,	
cSt @ 40°C	65
cSt @ 100°C	11.6
SUS @ 100°F	330
SUS @ 210°F	66.0
Viscosity Index	176
Cold Cranking Viscosity, cP @ -35°C	5,500 (-35)
High-Temp/High-Shear Viscosity, cP @ 150°C	3.3
Sulfated Ash, ASTM D874, wt %	1.20
Total Base Number (TBN), ASTM D2896	9.7
Zinc, wt %	0.127

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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