

76 Synthetic HD Arctic Motor Oil

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

76 Synthetic HD Arctic Motor Oil meets or exceeds all the requirements of API CH-4, CG-4, CF-4, CF, and SJ. It also meets the extended drain requirements of Cummins CES 20076, Mack EO-M Plus and Volvo VDS-2. It will provide excellent protection in equipment operating year-round in arctic climates.

Applications

- Mixed commercial fleets with diesel and gasoline vehicles operating in arctic climates
- Off-highway equipment operating at extremely low ambient temperatures
- Mobile hydraulic systems operating at extremely low ambient temperatures
- Automatic and powershift transmissions specifying an Allison C-4 type fluid and operating in cold climates

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

- API Service CH-4, CG-4, CF-4, CF, SJ
- Allison C-4
- Caterpillar TO-2
- Caterpillar diesel engines
- Cummins CES 20076, CES 20071
- International (Navistar) diesel engines
- Mack EO-M Plus, EO-M
- MAN 271
- Mercedes-Benz Sheet 228.1
- Volvo VDS-2, VDS

**Universal Fleet
Engine Oil For
Arctic Climates**

**Customer Service
Number:**

1-888-766-7676

**Technical
Hot line:**

1-800-435-7761

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



Outstanding Features

- Excellent wear protection and high-temperature oil durability
- High dispersancy-detergency protects against engine sludge and varnish deposits
- Outstanding oxidation resistance
- Excellent rust and bearing corrosion protection
- Excellent soot control for protection against abrasive wear and soot-induced oil thickening
- Excellent low temperature fluidity for easier startups at low ambient temperatures
- Good TBN retention
- Good resistance to foaming and aeration

76 Synthetic HD Arctic Motor Oil Typical Properties

SAE Grade	0W-30
API Service (diesel engines)	CH-4, CG-4, CF-4, CF
API Service (gasoline engines)	SJ
Density, g/cm ³ @ 15°C	0.851
Color, ASTM	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
Viscosity, Cold Cranking (CCS), cP @ °C	5,500 (-35)
Viscosity, High Shear (HTHS), cP @ 150°C	3.3
Ash, Sulfated, ASTM D874, wt %	1.20
Copper Corrosion, ASTM D130	1A
Foam Test, ASTM D892	Pass
Total Base Number, ASTM D2896	9.7
Zinc, wt %	0.127

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

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