



MOBIL DELVAC NOAT EXTENDED LIFE 50/50 PREDILUTED COOLANT/ANTIFREEZE

Mobil Passenger Vehicle Lube , Peru

Antifreeze and Coolant

Product Description

Mobil Delvac NOAT Extended Life Coolant/Antifreeze is a Nitrited Organic Acid Technology (NOAT) ethylene glycol base coolant that is designed to provide exceptional wet sleeve liner cavitation and corrosion protection to all cooling system metals. Mobil Delvac NOAT Extended Life Coolant/Antifreeze is formulated with organic corrosion inhibitors to provide total cooling system protection for 750,000 miles of on-road use (8 years or 15,000 hours of off-road use) without the use of Supplemental Coolant Additives (SCAs)¹. Mobil Delvac NOAT Extended Life Coolant/Antifreeze is phosphate-free, silicate-free and borate-free.

To realize ongoing protection from Mobil Delvac NOAT Coolant/Antifreeze, top off the cooling system, as needed, with either Mobil Delvac NOAT Coolant/Antifreeze concentrate or Mobil Delvac NOAT 50/50 Prediluted Coolant/Antifreeze which is a 50/50 mix of Mobil Delvac NOAT Coolant/Antifreeze and deionized water. Maintain the freeze point in the cooling system between -10F and -62°F.

Features and Benefits

- Excellent heat transfer for high temperature applications such as engines with EGR and SCR systems
- Eliminates the need for SCAs and chemically charged filters
- Outstanding corrosion protection for cooling system metals
- Protection against cavitation-induced pitting of wet sleeve liners
- Non-abrasive formula can improve water pump seal life

Applications

Mobil Delvac NOAT Coolant/Antifreeze is recommended for use in:

- All types of heavy duty diesel, gasoline and natural gas engines
- Stationary engine applications regardless of fuel type being used
- Marine cooling systems where freeze protection is needed
- Mixed fleets where both light duty and heavy duty trucks are maintained

Specifications and Approvals

This product meets or exceeds the requirements of:
ASTM D6210
ASTM D4985
ASTM D3306
TMC RP 329
TMC RP 351 (color)

Recommended for use where the following equipment or specifications are cited:
CAT EC-1
CNH EG-3

Recommended for use where the following equipment or specifications are cited:
CNH EG-4
Cummins CES 14439
Ford
GM
International
JL Case
John Deere H24
Komatsu
Navistar MPAPS B-1 Type III
Paccar
Volvo/Mack
Waukesha

Also recommended for use where European original equipment manufacturers (OEMs) require phosphate-free coolants, and Japanese OEMs require silicate-free coolants.

† Proper maintenance requires a complete cooling system flush and fill – and subsequent topping off, as needed – with Mobil Delvac 50/50 Prediluted NOAT Extended Life Coolant/Antifreeze or Mobil Delvac NOAT Extended Coolant/Antifreeze and water. For guaranteed protection, no other products or product supplement may be used. Follow OEM recommendations for specified maintenance.

Chemical Properties

Property	ASTM Test Method	Typical Values	ASTM D3306 Limits		
			Concentrate	50/50 Prediluted	
Specific Gravity 60/60 °F	D1122	Concentrate 1.115 – 1.124	50/50 Prediluted 1.05 – 1.08	Concentrate 1.110 – 1.1451	50/50 Prediluted 1.065 min.
Freezing Point, 50% Vol.	-	-34°F	-34°F	-33.5 max	-33.5 max
Boiling Point, Reflux† °F	D1120	325°F	226°F	226 min	226 min
pH, 50 Vol. %	D1287	8.2 – 9.0	8.2 – 9.0	7.5 – 11.0	7.5 – 11.0
Reserve Alkalinity, mL	D1121	5.5 – 7.0	2.3 – 3.8	-	-
Total Water, %	D1123	5 max	50	5 max	-
Foam Test	D1881	50 ml/3 sec. max	50 ml/3 sec. max	-	-
Color	-	Red	Red	-	-

† Unpressurized

Protection Chart

FREEZE/BOILING PROTECTION CHART		
Coolant/Water Ratio	Protects From	
Freezing Down to	Boiling Up to*	
40/60	-10°F (-23°C)	259°F (126°C)

FREEZE/BOILING PROTECTION CHART		
50/50	-34°F (-37°C)	265°F (129°C)
60/40	-62°F (-52°C)	270°F (132°C)

* Using a 15 PSI Pressure cap

Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.aspx>

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com

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