Mobil™ Mining Coolant

Mobil Commercial Vehicle Lube , Chile

Coolant / Antifreeze

Product Description

Mobil Mining Coolant/Antifreeze is a phosphatefree, ethylene glycol based, heavyduty diesel engine coolant.

Mobil Mining Coolant/Antifreeze provides optimum protection against cavitation erosion, corrosion, scale, overheating, and freezing for all heavyduty cooling system applications. Because it is precharged with a high quality Supplemental Coolant Additive (SCA), Mobil Mining Coolant/Antifreeze requires no SCAs at initial fill and helps ensures proper chemistry is maintained at every topoff.

Mobil Mining Coolant/Antifreeze is a fully formulated universal formula coolant/antifreeze, having the advantages of low total dissolved solids, low silicate and incorporates nitrite to provide exceptional wet sleeve liner cavitation protection.

Additional advantages of using Mobil Mining Coolant/Antifreeze include its phosphatefree formula that reduces the risk of scale and stateoftheart corrosion inhibitors that eliminate the need for expensive deionized water.

Features and Benefits

No initial SCA precharge required.

Effective corrosion protection for aluminum, brass, cast iron, colder, steel and copper. Contains nitrite for excellent pitting protection for wet sleeve cylinder liners. Phosphatefree formula reduces hard water scale deposits.

Inhibitor system helps reduce dropout, gel and scale.

Compatible with other commercially available fully formulated coolants. Compatible with heavyduty diesel SCAs and cooling system filters. Universal low silicate formula helps reduce deposits.

Specifications and Approvals

Mobil Mining Coolant/Antifreeze is recommended by ExxonMobil for use in applications requiring the following specifications:

ASTM D 3306	X
ASTM D 4985	X
ASTM D 4340	X
ASTM D 6210	X
CID AA52624	X
Cummins 14603	X
Detroit Fluid Specification 93K217	X
Freightliner 4822880	X
J.I. Case JIC501	X
John Deere H24A1 / H24C1	X
MTU 5048	X
Navistar B1 Type II	X
TMC RP 329	X

Meets the performance requirements of:

Caterpillar	X
Paccar (Peterbilt and Kenworth)	X
Volvo/Mack	X
And other engines that can benefit from a phosphatefree, low silicate formula coolant	X

Protection Table

Concentration	Protects from	
	Freezing Down to	Boiling up to*
40	-24 °C / -11 °F	127 °C / 261 °F
50	-37 °C / -34°F	129 °C / 265 °F
60	-52 °C / -62 °F	132 °C / 270 °F

*Using a 15 PSI Pressure Cap

Chemical Properties

Property	ASTM Test Method	Typical Values
Specific Gravity (60/60˚F)	D1122	1.120 – 1.130
Freezing Point, 50 Vol. %, ˚F	D3321 or D1177	34˚F
Boiling Point, 50 Vol. %, ˚F	D1120	226˚F
pH, 50% Volume Solution	D1287	10.0 – 11.0
Reserve Alkalinity, mL	D1121	6.0 – 7.5
Foam Test	D1881	150 ml. / 5sec., Max
Color	Visual	Pink / Fuchsia

Applications

Mobil Mining Coolant/Antifreeze is recommended for use in:

- Onroad and offroad heavyduty diesel and gasoline engines
- Mixed fleets where both lightduty and heavyduty vehicles are present.

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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COPEC S.A.

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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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