



## Mobil Heavy Duty SCA Precharged Coolant/Antifreeze

Mobil Commercial-Vehicle-Lube , United States

### Product Description

Mobil Heavy Duty Coolant/Antifreeze is a phosphate-free, ethylene glycol based, heavy-duty diesel engine coolant.

Mobil Heavy Duty Coolant/Antifreeze provides optimum protection against cavitation erosion, corrosion, scale, overheating, and freezing for all heavy-duty cooling system applications. Because it is precharged with a high quality Supplemental Coolant Additive (SCA), Mobil Heavy Duty Coolant/Antifreeze requires no SCAs at initial fill and helps ensure proper chemistry is maintained at every top-off.

Mobil Heavy Duty 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 Heavy Duty Coolant/Antifreeze include its phosphate-free formula that reduces the risk of scale and state-of-the-art corrosion inhibitors that eliminate the need for expensive deionized water.

### Applications

Mobil Heavy Duty Coolant/Antifreeze is recommended for use in:

- On-road and off-road heavy-duty diesel and gasoline engines
- Mixed fleets where both light-duty and heavy-duty vehicles are present.

### 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
- Phosphate-free formula reduces hard water scale deposits
- Inhibitor system helps reduce dropout, gel and scale
- Compatible with other commercially available fully formulated coolants
- Compatible with heavy-duty diesel SCAs and cooling system filters
- Universal low silicate formula helps reduce deposits

### Specifications and Approvals

Mobil Heavy Duty 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 A-A-52624	X
Cummins 14603	X
Detroit Fluid Specification 93K217	X

Mobil Heavy Duty Coolant/Antifreeze is recommended by ExxonMobil for use in applications requiring the following specifications:	
Freightliner 48-22880	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

Property	ASTM Test Method	Typical Values
Reserve Alkalinity, mL	D1121	6.0 – 7.5
Foam Test	D1881	150 ml. / 5sec., Max
Color	Visual	Pink / Fuchsia

## Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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03-2023

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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](http://www.exxonmobil.com)

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