

TECHNICAL BULLETIN

Arctic Blend™ Heavy Duty Antifreeze & Coolant

Arctic Blend™ Heavy Duty Antifreeze & Coolant is a fully formulated, Supplemental Coolant Additive (SCA) pre-charged, engine coolant designed for use in heavy-duty diesel engines. Prediluted and ready to use, it contains a borate-based chemical inhibitor system that incorporates nitrite to protect diesel engines from liner pitting and cavitation corrosion.

Arctic Blend™ Heavy Duty Antifreeze & Coolant is a low silicate blend with a borate/nitrite inhibitor package recommended for use in Caterpillar, Detroit Diesel, Cummins, and other heavy-duty diesel engines. It is an environmentally preferable material formulated to meet or exceed the requirements of Multi-Engine Type CID-A-A-52624A-IC.

Arctic Blend™ Heavy Duty Antifreeze does not require supplemental coolant additives (SCAs) at initial fill and ensures proper chemistry when used to top-off.

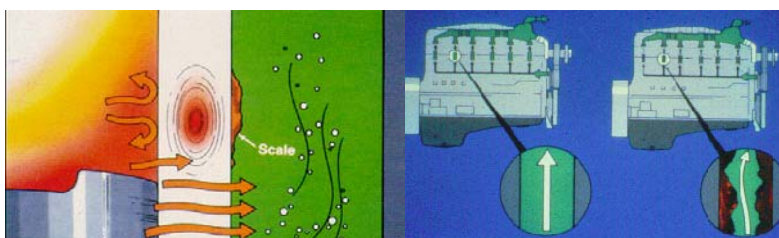
Why Premixed Antifreeze/Coolant?

Cooling system failure is the most common cause for on road breakdown. The reasons for this include incorrect dilution (mixing mistakes), use of tap water, or topping-off the cooling system with either water or concentrate antifreeze.

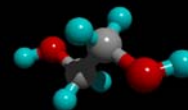


Benefits

- Ready to use - 50/50 antifreeze/engine coolant premixed with deionized water
- Fully formulated – no additional SCAs are required at initial fill or top-off
- State-of-the-art OEM corrosion inhibitors for unsurpassed protection
- Multi-engine type formulation for heavy diesels and light-duty auto applications
- Low silicate, low total dissolved solids formula



Use of Arctic Blend™ Heavy Duty Eliminates Deposits & Scaling



TECHNICAL BULLETIN Continued

Arctic Blend™ Heavy Duty Antifreeze & Coolant is formulated to meet or exceed the following performance specifications:

- ASTM D-4985
- ASTM D-6210
- Case Corp. MS1710
- Caterpillar
- EMD M.I. 1748E
- Waukesha 4-1974D
- Thermo-King
- Cummins S/B 3666132
- Detroit Diesel 7SE298
- MACK
- Navistar
- PACCAR
- Volvo GM
- TMC RP-329-A
- Ford New Holland 9-86
- Freightliner 48-22880
- GM 1825
- GM 1899
- John Deere 8650-5
- SAE 1941
- CID-A-A-52624A-IC

Arctic Blend™ Heavy Duty Antifreeze & Coolant Typical Properties:

Parameter	Method/ASTM Spec.	Result
Color	Visual	Fuchsia (Pink)
Specific Gravity, 60°F	D1122	1.071
Pounds per Gallon, 60°F	-----	8.9
pH	D1287	10.3 – 10.8
Reserve Alkalinity	D1121	2.8 min.
Freeze Point, °F	D1177	-34 min.
Boiling Point, °F	D1120	226 min.
Total Glycol, wt. %	-----	50 min.
Water, wt. %	D1123	48.5
Glassware Corrosion Test	D1384	Pass
Water Pump Cavitation Test	D2809	Pass
Aluminum Corrosion Test	D4340	Pass
Ash Content, wt%	D1119	2.5 max.
Chloride, ppm	Ion Chromatograph	25 max.



For information on the safe handling of this product refer to its Material Safety Data Sheet.

EET recommends that spent coolant never be disposed of by dumping into a septic system, storm sewer or onto the ground. Instead, contact your state or local municipality for instructions on where to and how to properly recycle or dispose and protect our environment.

If any coolant is spilled onto the ground, contain the spill and call state authorities and ask for proper instruction on how to clean up the spill.