



Heavy Duty ELC

Blue Ridge Heavy Duty Extended Life Coolant/Antifreeze meets ASTM D3306, D4985 and D6210 for heavy duty diesel engine applications.

This product is compatible with all heavy duty diesel engine applications is an Organic Acid Technology (OAT) with Nitrite and Molybdate to protect diesel engines from liner pitting and corrosion and is recommended for use in Caterpillar, Detroit Diesel, Cummins and other heavy duty diesel engines. Does not contain Amines, Phosphates or Silicate.

This product is formulated to meet or exceed the following industry and performance specifications:

ASTM D-6210	ASTM D-4985
ASTM D-3306	CAT ELC (EC-1)
Cummins 90T8-4	Detroit Diesel 7SE298
Freightliner 48-22880	GM 1825, 1899M, 6277M
SAE J1034, J1038	TMC RP329

The service life of this product is up to 6 years or 600,000 miles and does not require the additional of Supplemental Coolant Additives (SCA).

BOIL/FREEZE PROTECTION

PROTECTION	FREEZEPOINT	BOILING POINT*
50% GLYCOL	-34° F	265° F

**Using Conventional 15 PSI Radiator Cap*

The following lists the typical properties of Blue Ridge Conventional HD Coolant/Antifreeze.

Characteristic	ASTM Spec.	Blue Ridge HD ELC
Color	NA	Green
Chlorides	25 ppm max	< 25
Freezing Point	-34° F min	-40°F
Boiling Point	226°F min	260°F
Effect on auto finish	No effect	No effect
pH, 50% vol %	7.5 – 11	8.0-9.0
Hardness of Prediluted Water	20 max	2
Iron	1.0 max	0
Foaming: Volume, mL	150 max	none
Relative Density (60/60°F)	1.065 min	1.15
Glassware Corrosion Test	D1384	Pass
Water Pump Cavitation Test	D2809	Pass
Aluminum Corrosion Test	D4340	Pass
Simulated Service Test	D2570	Pass

Environmental: Do not discard into storm sewers, septic systems or onto the ground. Always follow federal, state and local regulations when disposing of used antifreeze. Used antifreeze should always be recycled.

Manufactured by:

