



ELC Corrosion Inhibitor 2798EG



Formulated for automobiles and light-duty gasoline powered trucks, contains ethylene glycol

Penray 2798EG is an organic acid technology (OAT) corrosion inhibitor system. This antifreeze inhibitor package features a silicate-free, phosphate-free and amine-free formula providing trouble-free service.

Antifreeze/coolant made with glycol consistent with ASTM E1177-14 and Penray 2798EG is compatible with GM Dexcool® brand antifreeze and other specifications listed below. It is also compatible with similar "orange" carboxylate inhibited antifreeze brands. Penray's 2798 single system technology offers the easiest method of manufacturing an OAT engine coolant. 2798EG contains ethylene glycol for low temperature storage. A propylene glycol version (available).

Store above 50° F (10° C) to avoid gelling.

Blending Instructions:	50/50	Pre-dilute coolant contains 6.5% by volume of 2798EG
	Concentrate	Contains 13% by volume of 2798EG



BENEFITS

- Excellent aluminum corrosion protection
- 150,000 long life formulation
- Compatible with Dexcool® and other "orange" coolants
- Silicate-Free
- Phosphate-Free
- Amine-Free
- Lubricity agents extend water pump life

SPECIFICATIONS

- ASTM D-3306
- ASTM D-4985

Using and maintaining a properly formulated coolant is one of the most important aspects of engine maintenance.





**Penray 2798EG @ 6% in 50/50 Dilution
ASTM D-3306 and D-4985 Specifications**

Property	ASTM Test Method	ASTM Specification	Penray 2798 Performance
Specific Gravity @ 60 °F	D-1122	1.110 – 1.145	1.120
Freezing Point °F (°C)	D-1177	50 Vol % in Distilled Water: -34 °F (-36 °C) Max or Lower	50 Vol % in Distilled Water: -38.8 °F (-39.3 °C)
Boiling Point ^A °F (°C)	D-1120	325 °F (163 °C) Min 226 °F (107.8 °C) Min	328 °F (164.4 °C) 226 °F (107.8 °C)
Effect: Automotive Finish	D-1882	No Effect	No Effect
Ash Content, Mass %	D-1119	5% Max	0.29%
pH: 50 Vol % in Water	D-1287	7.5 – 11	7.5 – 8.0
Chloride, PPM	By IC	25.0 Max	<2.0
Foaming Tendencies	D-1881	Break: 5 Sec Volume: 150 ml	Break: 3.3 Sec Volume: 75 ml
Corrosion in Glassware Weight Loss, mg/specimen	D-1384		
Copper		10 Max	2
Solder		30 Max	1
Brass		10 Max	1
Steel		10 Max	0
Cast Iron		10 Max	0
Aluminum		30 Max	0
Simulated Service Weight Loss, mg/specimen	D-2570		
Copper		20 Max	2
Solder		60 Max	15
Brass		20 Max	5
Steel		20 Max	1
Cast Iron		20 Max	0
Aluminum		60 Max	0
Corrosion of Cast Aluminum Alloys at Heat Rejecting Surfaces mg/cm ² /week	D-4340 ^B	1.0 Max	0.175
Cavitation Erosion Rating: Pitting, Cavitation or Erosion of the Water Pump	D-2809	8 Min	8

^A Some precipitate may be observed at the end of the test. This should not be cause for rejection.
^B This test is not required by ASTM D-4985; however, ASTM D-3306 requires it.

Product Weight: 500 lbs/55 gallons

