ELC Corrosion Inhibitor 2798

Formulated for automobiles and light-duty gasoline powered trucks.

Penray 2798 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 2798 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.

Store above 75° F (23.8° C) to prevent gelling.

Blending Instructions:	50/50	Pre-dilute coolant contains 3.25% by volume of 2798
	Concentrate	Contains 6.5% by volume of 2798

BENEFITS

- **Same chemistry used by Ford as "first fill" and in VC-12 Engine Coolant Revitalizer**
- **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**
- **ASTM RP-323**

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

Cooling Solutions EXPERTS™

Penray 2798 @ 3.25% 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 ºF (ºC)	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] ºF (ºC)	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