



ELC Corrosion Inhibitor 2798NEG

Contains ethylene glycol and nitrite, excludes silicate, phosphate and amine

Penray 2798NEG is a nitrated acid organic technology (NOAT) ELC corrosion inhibitor concentrate for heavy-duty diesel engines. This antifreeze inhibitor package contains nitrite for heavy duty wet sleeve liner protection. 2798NEG is silicate-free, phosphate-free and amine free. 2798NEG has the same corrosion protection as Penray's popular 2798N and contains ethylene glycol for low temperature storage.

Antifreeze/coolant made with glycol consistent with ASTM E1177-14 and Penray 2798NEG is compatible with CAT EC-1 and other specifications listed below. Penray's 2798NEG single system technology offers the easiest method of manufacturing a NOAT antifreeze/coolant offering outstanding performance for heavy-duty diesel engine cooling systems.

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

Blending Instructions:	50/50	Pre-dilute coolant contains 8.1% by volume of 2798NEG
	Concentrate	Contains 16.2% by volume of 2798NEG



BENEFITS

- Superior corrosion protection for aluminum, steel, iron, copper, brass and solder
- Up to 600,000 mile cooling system corrosion protection with extender
- Single system technology offers the easiest method of manufacturing
- Compatible with Texaco® and Caterpillar® ELC and other "strawberry-red" NOAT coolants
- Silicate, phosphate and amine free
- Lubricity agents extend water pump life

- SPECIFICATIONS**
- TMC RP-329A - ASTM D-4985
 - TMC RP-364 - ASTM D-3306
 - TMC RP-330 - ASTM D-6210

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





**Penray 2798NEG @ 8.1% in 50/50 Dilution
ASTM D-3306 and D-4985 Specifications**

Property	ASTM Test Method	ASTM Specification	Penray 2798N Performance
Specific Gravity @ 60 °F	D-1122	1.065 Min	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: -39 °F (-39 °C)
Boiling Point ^ °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	0.35%
pH: 50 Vol % in Water	D-1287	7.5 – 11	7.5 – 8.0
Chloride, PPM	By IC	25.0 Max	<2.0
Water, Mass %	D-1123	5 Max	4.8
Foaming Tendencies	D-1881	Break: 5 Sec Volume: 150 ml	Break: 1.2 Sec Volume: 50 ml
Corrosion in Glassware Weight Loss, mg/specimen	D-1384		
Copper		10 Max	0
Solder		30 Max	2
Brass		10 Max	0
Steel		10 Max	0
Cast Iron		10 Max	0
Aluminum		30 Max	0
Simulated Service Weight Loss, mg/specimen	D-2570		
Copper		20 Max	1
Solder		60 Max	2
Brass		20 Max	1
Steel		20 Max	1
Cast Iron		20 Max	1
Aluminum		60 Max	10
Corrosion of Cast Aluminum Alloys at Heat Rejecting Surfaces mg/cm ² /week	D-4340 ^B	1.0 Max	0.45
Cavitation Erosion Rating: Pitting, Cavitation or Erosion of the Water Pump	D-2809	8 Min	7

^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

