Additives Plus
Reinventing Corrosion Inhibition

PRODUCT BULLETIN
OAT-908

Precharged, One-Part Hybrid Extended Life/ Universal Add Pak System

PRODUCT CODE: 62080-1908/2908/3908/ 4908/5908/6908/7908

QUALITY CONTROL

To ensure quality control and assurance, all blending is controlled under Additives Plus's standards. Each individual batch of Add Pak is rigorously tested for conformance with product and industry specifications prior to storage, packaging, or shipment. This laboratory analysis is thoroughly conducted by both Additives Plus and our blending facilities. A Certificate of Analysis for each lot is produced and is available to customers.

INDUSTRY SPECIFICATIONS

- ASTM D 3306
- ASTM D 4985
- ASTM D 5345
- ASTM D 4656
- ASTM D 6210
- ASTM D 6471
- ASTM D 6472
- ASTM D 6211
- Ford ESE-M97B44-A Sections 3.4.1 &3.4.2
- Ford ESE-M97B18-C Sections 3.1.1 &3.1.2
- Caterpillar EC-1 Sections 1,2 &3
- Chrysler MS-9769 Sections 1-4.1
- Cummins 90T8-4
- Cummins 3666132
- Detroit Diesel 7SE298
- GM 1825M
- GM 1899M
- ATA RP 329
- Subaru
- Nissan
- Audi
- BMW
- Mercedes
- Navistar B1 (B6-008GO)
- John Deere H-5
- John Deere 8650-5
- Mack Truck 014GS17004
- Freightliner 48-22880

TECHNICAL CONTACT INFORMATION

Additives Plus
P.O. Box 1119, Evergreen, CO 80437 USA
Tel: (303) 916-0639 Fax: (303) 679-8988
info@additivesplus.com
www.additivesplus.com

PRODUCT DESCRIPTION AND APPLICATIONS

OAT-908 incorporates cutting-edge inhibitor technology to provide a reasonably priced long life antifreeze. OAT-908 is a hybrid organic acid technology (HOAT) additive/inhibitor package formulated with a proprietary stabilization system to improve the durability of its carboxylate salt base and extend its range of compatibility with both conventional inorganic salts and OAT-type antifreezes. Virgin antifreeze made with OAT-908 provides a service life up to 150,000 miles or 3000 hours. OAT-908 contains no phosphates, borates, nitrates, or silicates. This extended life add pak possesses multiple complex carboxylic acid derivatives along with nitrite to protect all six standard metal alloys (brass, copper, steel, solder, cast iron and aluminum). These low foaming carboxylates and other proprietary ingredients not only provide broad-range metal protection but also guard the cooling system against corrosion and cavitation-erosion. In addition it contains additives to minimize hot surface scaling while also preventing heat transfer surface fouling due to minor oil leakage. This additives system can be used effectively with either propylene or ethylene glycols. OAT-908 can also be used with either virgin or high quality reclaimed glycol from distillation units, reverse-osmosis membranes, or some flocculation/ filtration systems. Additives Plus recommends that all non-virgin glycol be analyzed to ensure glycol quality.

PRODUCT SPECIFICATIONS	
As concentrated Add Pak:	
Visual	Hazy, light amber color
Specific Gravity @ 60ºF	1.140-1.189
pH	9.0-10.4
As concentrated Antifreeze (Made with EG and OAT-908):	
Specific Gravity @60ºF	1.110-1.125
pH	8.0-9.5
Reserve Alkalinity	3 ml min.
Freeze Point	-34ºF max.
Nitrite	2400 ppm min.

BLENDING INSTRUCTIONS

To make antifreeze concentrate (97.8% glycol, 2.2% additives), first charge the desired quantity of glycol to the blending tank. The glycol should be at a temperature of 45ºF or higher and should have an initial pH of 7.0-9.5. Maintain this temperature of 45ºF or higher throughout the blending procedure. Based on the quantity of glycol being treated, add 2.2% by volume of OAT-908 while agitating or circulating glycol (Two 55 gallon drums per 5,000 gallons of glycol). Continue to agitate for 15-30 minutes after entire Add Pak content has been added. Store the concentrated Add Pak at a temperature above 40ºF.