

**PRODUCT CODE:** 62080-2800/5800/6800

**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 3.1.1 & 3.1.2
- Caterpillar DEAC
- Chrysler MS-7170  
Sections A & B1-4
- Cummins 90T8-4
- Cummins 3666132
- Detroit Diesel 7SE298
- GM 6043M
- GM 1825M
- GM 1899M
- ATA RP 329A
- SAE J814C
- SAE J1034
- SAE J1038
- SAE J1941
- Subaru
- Nissan
- Audi
- Mercedes
- Navistar B1 (B6-008GO)
- BMW
- 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](http://www.additivesplus.com)

**PRODUCT DESCRIPTION AND APPLICATIONS**

VGAP-800 is a fully-formulated virgin glycol Add Pak precharged with high levels of nitrite for heavy-duty industrial use. This inhibitor package contains a minimum of 2400 ppm nitrite, meeting ASTM D 6210. VGAP-800 is a non phosphate, non-nitrate, non-molybdate, one-part inhibitor package. In addition, it contains additives to minimize hot surface scaling while also preventing heat transfer surface fouling due to minor oil leakage. VGAP-800 can be used effectively with either virgin ethylene or propylene glycol. It can also be used with high-quality reclaimed glycol from distillation units, reverse-osmosis membranes, or most flocculation/filtration systems. Additives Plus recommends that all non-virgin glycol be analyzed to ensure glycol quality.

**PRODUCT SPECIFICATIONS**

As concentrated Add Pak:	
Visual	Visual Cloudy, pale yellow liquid
Specific Gravity @ 60°F	1.155-1.185
pH	12.5-13.5
As concentrated Antifreeze (made with EG and VGAP-800):	
Specific Gravity @60°F	1.110-1.125
pH	10.0-11.0
Reserve Alkalinity	10 ml min.
Freeze Point	-34°F 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 45°F or higher and should have an initial pH of 7.0-9.5. Maintain this temperature of 45°F or higher throughout the blending procedure. Based on the quantity of glycol being treated, add 2.2% by volume of VGAP-800 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 40°F.