



## Medallion PlusGuard Heavy Duty ELC Antifreeze

### PRODUCT DESCRIPTION

**Medallion PlusGuard Extended Life** is an extended life coolant that contains a proprietary inhibitor system that makes it significantly more durable than other coolants. In heavy-duty diesel applications it can provide a service life of 600,000 miles, with the addition of an extender at 300,000 miles. In automobiles this Extended Life Coolant/Antifreeze will provide a service life in excess of 5 years or 150,000 miles.

**PlusGuard Extended Life** concentrate contains an inhibitor combination of molybdate and nitrite to comply with ATA TMC RP 329 and ASTM D 6210 requirements for diesel coolants. It contains no added phosphates, silicates, nitrates or amines. It is a balanced combination of organic and inorganic additives and is compatible with both organic acid long life coolants and conventional inorganic coolants. In addition, our Extended Life Antifreeze will not cause turbidity, precipitation or inhibitor effectiveness reduction when mixed with other carboxylate-based coolants such as Chevron Texaco Extended Life Coolant or Dex-Cool nor with conventional coolants such as Prestone or Zerex. It is ideal for use in initial fills, coolant change-outs or top-offs.

### INDUSTRY APPROVALS

**Heavy Duty:** • ASTM D1384, D2809, D2570, D3306, D4340, D4985, and D6210 • Cummins 90T8-4, 14603 (Service Bulletin 3666132-02) • Detroit Diesel 7SE298 (DDC Powercool Plus and Powercool Plus 6000) • Cat EC-1 (ELC) • TMC of ATA\*: RP329 - Type B/302A-1, RP338 • Freightliner 48-22880 • J.I. Case JIC-501 • Volvo/Mack Truck, MTU • International, Navistar B-1 • Mercedes DBL 7700

**Automotive:** • Mercedes DBL 7700 • Ford ESE-M97B44-A, WSE-M97B44-B • SAE J1034, J1038 • GM 1825, 1899M, 6277M • Chrysler MS 7170

### TYPICAL ANALYSIS

Property	Unit of Measure	Concentrate	50/50
Glycols. % Vol	ASTM D-202 mass %	90 min	45 min
Freeze Point	ASTM D-1177 (°F/°C)	10°F/-12°C	-34°F/-37°C
Molybdate/Nitrite	ppm (2400 min)	>2400	>1200
Boiling Point	°F/°C	330/164	226/107
Weight/Gallon	lb/gal	9.27	8.81
Chloride Content	ppm (25 max)	<25	<25 w/ deionized water

### HEALTH & SAFETY

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your Customer Service Center. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment. Due to continual product research and development, the information contained herein is subject to change without notification.