



ANYWHERE. ANYTIME. ANY ENGINE.™

## Heavy Duty Nitrite Free Extended Life Antifreeze/Coolant - NF OAT



Prestone Command® Heavy Duty Nitrite Free Extended Life Antifreeze/Coolant (ELC) is an Organic Acid Technology (OAT) that is intended for use and compatible with ANY OAT Extended Life heavy duty antifreeze/coolant in ANY diesel powered commercial vehicle engine or stationary engine with aluminum and other engine metals. Its patented, technologically advanced formulation is based upon a concentrated blend of premium long-lasting inhibitors designed to provide up to 600,000 miles/12,000 hours\* of protection against temperature extremes, rust, corrosion, scale, and premature water pump failure. Prestone Command AF/C is available in Concentrate and Prediluted 50/50 formulas.

### WITH NITRITE FREE EXTENDED LIFE TECHNOLOGY

**600,000 MILE / 12,000 HOUR SERVICE LIFE\***

- Provides excellent protection for aluminum and all other engine metals
- Compatible with all OAT Extended Life heavy duty antifreeze/coolant
- Complete liner pitting and corrosion protection

\* TOP OFF: Will maintain extended life protection when added to any OAT Extended Life antifreeze/coolant. FLUSH AND FILL: Receive protection for up to 600,000 miles or 12,000 hours with a complete flush and fill using Prestone Command AFC12000 Nitrite Free Heavy Duty Extended Life concentrate.

#### Specifications and Performance:

Prestone Command Heavy Duty Nitrite Free Extended Life Antifreeze/Coolant meets or exceeds performance requirements of the major engine manufacturers and the following industry specifications: ASTM D6210, D4985, D7583, D3306, TMC RP329, SAE J1941

	Stock #	UPC Code	Pack
Concentrate	AFC 12000	7 97496-87906 6	6/1 gal.
	AFC 12000-55	7 97496-87908 0	55 gal. drum
	AFC 12000-1KL	7 97496-87909 7	264 gal. tote
50/50	AFC 12100	7 97496-87910 3	6/1 gal.
	AFC 12100-55	7 97496-87912 7	55 gal. drum
	AFC 12100-1KL	7 97496-87913 4	264 gal. tote
Test Strip	AFC240-6	7 97496-87879 3	6 Bottles/25 Test Strips



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## HEAVY DUTY NITRITE FREE EXTENDED LIFE ANTIFREEZE/COOLANT - OAT

### FEATURES & BENEFITS

- Nitrite free, Organic Acid Technology (OAT)
- Complete liner pitting and corrosion protection; protects aluminum and all other engine metals
- Requires no initial Supplemental Coolant Additive (SCA) or Extender
- Compatible with all heavy duty OAT formulations
- When used as directed, Prestone Command Heavy Duty Nitrite Free ELC formulations provide long-lasting inhibition and corrosion protection

### APPLICATION

Check engine coolant level frequently and top off with Prestone Command HD Nitrite Free 50/50 Prediluted ELC antifreeze/coolant as needed. For flush and fill, use Prestone Command Heavy Duty Nitrite Free Extended Life Antifreeze/Coolant Concentrate. To ensure success, the system should be drained and flushed. A 50/50 mix of Prestone Command Heavy Duty Nitrite Free Extended Life Antifreeze/Coolant is recommended to ensure proper freezing/boilover protection and to ensure the proper concentration level of inhibitors, never exceed 70%. Always check the specific maintenance and change-over intervals, antifreeze/coolant to water ratio, cooling system capacity and service instructions recommended for your vehicle.

### GENERAL DESCRIPTION

Composition	Typical Values
Ethylene Glycol and Inhibitors: Concentrate 50 vol %	97.9% 51%
Water: Concentrate 50 vol %	2.1% 49%
Dyes	Trace
Color	Yellow
Odor	Characteristic
Pack/Unit	Jug / Drum / Tote
Average Fluid Weight/Unit at 68°F (20°C): Concentrate 50 vol %	9.3 lb (4.2 kg) / gal (3.78 L) 8.9 lb (4.0 kg) / gal (3.78 L)

Protection (Prestone Command/Water Ratio)	Freeze-Up Protection	Boilover Protection†
40% Prestone Command NF ELC 60% Water	-12°F (-24°C)	221°F (105°C)
50% Prestone Command NF ELC 50% Water	-34°F (-37°C)	265°F (129°C)
60% Prestone Command NF ELC 40% Water	-62°F (-52°C)	270°F (132°C)
70% Prestone Command NF ELC 30% Water	-84°F (-64°C)	276°F (136°C)

† Using a 15 lb pressure cap in good condition.

Questions? Go to [www.prestonecommand.com](http://www.prestonecommand.com)  
or call (888) 282-8960.  
[www.prestone.com/patents](http://www.prestone.com/patents)  
Reference recycle information from label.  
Made in U.S.A.

Properties	Typical Values	Test Method
Ash, Mass: Concentrate 50 vol %	1.20% 0.60%	ASTM D1119
pH, 50 vol %	8.6	ASTM D1287
Reserve Alkalinity: Concentrate 50 vol %	10.0 mL 5.0 mL	ASTM D1121
Specific Gravity at 20/20°C: Concentrate 50 vol %	1.118 1.070	ASTM D1122
Flash Point, 50 vol %	None	Tag Open Cup
Foam Test	70 mL/2.0 sec	ASTM D1881

### HANDLING

Keep container closed. In case of spill, clean up quickly as product is slippery. Flush small spills with water. Large spills, collect into drums for proper disposal. Dispose of or recycle according to federal, state or local regulations.

### MEETS OR EXCEEDS PERFORMANCE REQUIREMENTS OF THE FOLLOWING SPECIFICATIONS\*:

- ASTM: D3306, D4985, D6210, D7583
- TMC: RP329, RP338
- Cummins Bulletin 3666132
- Cummins CES 14603
- Navistar
- Detroit Diesel 93K217
- Freightliner 48-25878
- CAT EC-1
- Volvo 128603
- SAE J1941

\* For updated list of specifications, visit [www.prestonecommand.com](http://www.prestonecommand.com)

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