



ANYWHERE. ANYTIME. ANY ENGINE.™

# Heavy Duty Nitrite Free ELC with Cor-Guard™ Antifreeze/Coolant



**NEW**

Prestone Command® HD Nitrite Free ELC with Cor-Guard™ is intended for use and compatible with ANY nitrite free HD Organic Acid Technology (OAT) coolant in ANY diesel powered commercial vehicle engine or other engine cooling system metals. Its patented and advanced OAT nitrite free formulation is based upon a concentrated blend of premium long-lasting inhibitors designed to provide up to 1,000,000 miles / 20,000 hours\* of protection against temperature extremes, rust, cavitation corrosion, scale and premature water pump failure.

## WITH NITRITE FREE NON-2EH (OAT) FORMULATION

1,000,000 MILE / 20,000 HOUR SERVICE LIFE\*

- Cor-Guard™ Increases Uptime
- Extended Life Coolant (ELC)
- NON-2EH (OAT) Formulation
- 1,000,000 miles of service life\*
- Meets Cummins® and Detroit Diesel® Performance Requirements

### Specifications and Performance:

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	AFC13000	7 97496-88112 0	6/1 gal.
	AFC13000-55	7 97496-88126 7	55 gal. drum
	AFC13000-1KL	7 97496-88127 4	264 gal. tote
50/50	AFC13100	7 97496-88114 4	6/1 gal.
	AFC13100-55	7 97496-88128 1	55 gal. drum
	AFC13100-1KL	7 97496-88129 8	264 gal. tote

\*Provide Extended Life protection which meets the vehicles manufacturer recommended change intervals for all DOT Truck Classes, including up to 1,000,000 miles for Class 8 vehicles.



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**HEAVY DUTY NITRITE FREE ELC WITH COR-GUARD™ ANTIFREEZE/COOLANT - OAT**

**FEATURES & BENEFITS**

- Prestone Command® Nitrite Free ELC with Cor-Guard™ Antifreeze/Coolant uses an Organic Acid Technology (OAT) Coolant chemistry to provide superior state-of-the-art corrosion protection for all cooling system materials and components.
- Service life 1,000,000 miles / 20,000 hours\*
- Extended Life Coolant (ELC)
- NON-2EH (OAT) Formulation
- Helps lower maintenance costs and improve water pump life

**APPLICATION**

Check engine coolant level frequently and top off with Prestone Command HD Nitrite Free ELC 50/50 Prediluted antifreeze/coolant as needed. For flush and fill, use Prestone Command Heavy Duty Nitrite Free ELC Antifreeze/Coolant Concentrate. To ensure success, the system should be drained and flushed. A minimum of 40%, maximum of 60% antifreeze/coolant is recommended to achieve optimal freeze/boil and corrosion protection; 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 %	97.7% 50.2%
Water: Concentrate 50 vol %	2.3% 49.8%
Dyes	Trace
Color	Red
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 60% Water	-12°F (-24°C)	221°F (105°C)
50% Prestone Command 50% Water	-34°F (-37°C)	265°F (129°C)
60% Prestone Command 40% Water	-62°F (-52°C)	270°F (132°C)
70% Prestone Command 30% Water	-84°F (-64°C)	276°F (136°C)

† Using a 15 lb pressure cap in good condition.

Properties	Typical Values	Test Method
Ash, Mass: Concentrate 50 vol %	1.7% 0.85%	ASTM D1119
pH, 50 vol %	8.4	ASTM D1287
Reserve Alkalinity: Concentrate 50 vol %	6.5 mL 3.3 mL	ASTM D1121
Specific Gravity at 20/20°C: Concentrate 50 vol %	1.123 1.074	ASTM D1122
Flash Point, 50 vol %	None	Tag Open Cup
Foam Test	50 mL/1.6 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
- PACCAR

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

\*Provide Extended Life protection which meets the vehicles manufacturer recommended change intervals for all DOT Truck Classes, including up to 1,000,000 miles for Class 8 vehicles.





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## Heavy Duty Antifreeze/Coolant With Extended Service Interval Technology



Prestone Command® Heavy Duty Antifreeze/Coolant is formulated with advanced corrosion protection technology. This provides an exceptional SCA pre-charged Extended Service Interval (ESI) Technology product which is compatible with any conventional heavy duty coolants and ALL filter technologies. Prestone Command Heavy Duty Antifreeze/Coolant is designed for use with ANY antifreeze/coolant in ANY heavy duty engines used in normal to severe duty cycles and extreme temperature conditions. Prestone Command AF/C is available in Concentrate and Prediluted 50/50 formulas.

### WITH EXTENDED SERVICE INTERVAL TECHNOLOGY

#### SCA PRE-CHARGED

- Advanced corrosion protection technology
- For ANY heavy duty engine
- Compatible with ANY conventional heavy duty antifreeze/coolant and ALL filter technologies

Use Prestone Command HD200 Supplemental Coolant Additive as required to maintain your cooling system.

**Specifications and Performance:**  
Prestone Command Heavy Duty Antifreeze/Coolant meets or exceeds performance requirements of the major engine manufacturer's and the following industry specifications: TMC RP329, ASTM D6210, ASTM D4985, ASTM D3306, SAE J1941

	Stock #	UPC Code	Pack
Concentrate	AFC 10000	7 97496-87765 9	6/1 gal.
	AFC 10000-55	7 97496-87766 6	55 gal. drum
	AFC 10000-1KL	7 97496-87767 3	264 gal. tote
50/50	AFC 10100	7 97496-87769 7	6/1 gal.
	AFC 10100-55	7 97496-87770 3	55 gal. drum
	AFC 10100-1KL	7 97496-87774 1	264 gal. tote
SCA	HD200-16	7 97496-87894 6	12/16 oz.
	HD200-64	7 97496-87896 0	6/64 oz.
Test Strip	AFC220-6	7 97496-87875 5	6 Bottles/25 Test Strips



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## HEAVY DUTY ANTIFREEZE/COOLANT WITH EXTENDED SERVICE INTERVAL TECHNOLOGY

### FEATURES & BENEFITS

- Low silicate
- Requires no initial Supplemental Coolant Additive (SCA)
- Very low dissolved solids
- State-of-the-art scale preventing additives
- No phosphates
- Universal formula: Heavy duty and industrial applications

### APPLICATION

Check engine coolant level frequently and top off with Prestone Command Heavy Duty ESI 50/50 Prediluted Antifreeze/Coolant as needed. For flush and fill, use Prestone Command Heavy Duty ESI Antifreeze/Coolant Concentrate. To ensure success, the system should be drained and flushed. A 50/50 mix of Prestone Command Heavy Duty ESI Antifreeze/Coolant is recommended to ensure proper freezing/boilover protection and to ensure the proper concentration level of inhibitors, never exceed 70%. There is no need to use an initial charge of SCA. Check inhibitor levels regularly or as recommended with Prestone Command AFC220 test strips and add Prestone Command SCA HD200 as needed. May be used with or without controlled release filter technology. 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 %	96.8% 51%
Water: Concentrate 50 vol %	3.2% 49%
Dyes	Trace
Color	Purple/Fuchsia
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 60% Water	-12°F (-24°C)	221°F (105°C)
50% Prestone Command 50% Water	-34°F (-37°C)	265°F (129°C)
60% Prestone Command 40% Water	-62°F (-52°C)	270°F (132°C)
70% Prestone Command 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 %	0.60% 0.30%	Federal #209B
pH, 50 vol %	10.4	ASTM D1287
Reserve Alkalinity: Concentrate 50 vol %	6.5 mL 3.2 mL	ASTM D1121
Specific Gravity at 20/20°C: Concentrate 50 vol %	1.122 1.071	ASTM D1122
Flash Point, 50 vol %	None	Tag Open Cup
Foam Test	65 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\*

#### Heavy Duty

- ASTM D4985 & D6210
- Case Corp. MS1710
- Caterpillar Heavy Duty Coolant
- CID A-A-52624A
- Cummins CES 90T8-4 and 14603
- Detroit Diesel 7SE298 and 93K217
- EMD M.I.1748E
- Ford New Holland 9-86
- Freightliner 48-22880
- GM 1899M and GM 6038M
- John Deere H24A1 & 8650-5
- Kenworth R026-170-97
- Mack
- PACCAR
- Navistar B-1
- Peterbilt 07-06773
- SAE J1941
- Thermo-King
- TMC RP-302A & RP-329
- Volvo GM
- Waukesha 4-1974D

#### Automobile

- ASTM D3306
- ASTM D4340
- Chrysler MS 7170 Section A & B 1-4
- CSMA
- Ford ESE-M97B44-A Section 3.1.1 & 3.1.2
- GM 1825M and GM 6043M
- SAE J1034

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

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## Heavy Duty Extended Life Antifreeze/Coolant With Patented Extended Life Technology - NOAT



Prestone Command® Heavy Duty Extended Life Antifreeze/Coolant (ELC) is a Nitrited Organic Acid Technology (NOAT) that is intended for use and compatible with ANY NOAT 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 is available in Concentrate and Prediluted 50/50 formulas.

### WITH PATENTED EXTENDED LIFE TECHNOLOGY

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

- CAT EC-1 compatible for ANY heavy duty engine
- Protects aluminum and all other engine metals
- Compatible with ANY NOAT Extended Life heavy duty antifreeze/coolant

\* TOP OFF: Will maintain extended life protection when added to any NOAT 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 AFC11000 Heavy Duty Extended Life Concentrate.  
† Requires Prestone Command Extender HD300 at 300,000 miles/6,000 hours.

#### Specifications and Performance:

Prestone Command Heavy Duty ELC meets or exceeds performance requirements of the major engine manufacturers and the following industry specifications: TMC RP329, ASTM D6210, ASTM D4985, ASTM D3306, SAE J1941

	Stock #	UPC Code	Pack
Concentrate	AFC11000	7 97496-87757 4	6/1 gal.
	AFC11000-55	7 97496-87758 1	55 gal. drum
	AFC11000-1KL	7 97496-87759 8	264 gal. tote
50/50	AFC11100	7 97496-87761 1	6/1 gal.
	AFC11100-55	7 97496-87762 8	55 gal. drum
	AFC11100-1KL	7 97496-87763 5	264 gal. tote
Ext. Strip	HD300-16	7 97496-87900 4	12/16 oz
	AFC240-6	7 97496-87879 3	6 Bottles/25 Test Strips



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**HEAVY DUTY EXTENDED LIFE ANTIFREEZE/COOLANT WITH PATENTED EXTENDED LIFE TECHNOLOGY - NOAT**

**FEATURES & BENEFITS**

- Complete liner pitting and corrosion protection; protects aluminum and all other engine metals
- Provides a silicate, phosphate and borate-free formulation for long lasting inhibition and corrosion protection
- Compatible with all heavy duty NOAT formulations
- When used as directed, Prestone Command Heavy Duty ELC formulations provide long-lasting inhibition and corrosion protection

**APPLICATION**

Check engine coolant level frequently and top off with Prestone Command Heavy Duty 50/50 Prediluted ELC Antifreeze/Coolant as needed. For flush and fill, use Prestone Command Heavy Duty ELC Antifreeze/Coolant Concentrate. To ensure success, the system should be drained and flushed. A 50/50 mix of Prestone Command® Heavy Duty ELC 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 %	98% 51%
Water: Concentrate 50 vol %	2.0% 49%
Dyes	Trace
Color	Red
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 Chart (Prestone Command/Water Ratio)	Freeze-Up Protection	Boilover Protection†
40% Prestone Command ELC 60% Water	-12°F (-24°C)	221°F (105°C)
50% Prestone Command ELC 50% Water	-34°F (-37°C)	265°F (129°C)
60% Prestone Command ELC 40% Water	-62°F (-52°C)	270°F (132°C)
70% Prestone Command ELC 30% Water	-84°F (-64°C)	276°F (136°C)

† Using a 15 lb pressure cap in good condition.

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or call (888) 282-8960.  
[www.prestone.com/patents](http://www.prestone.com/patents)  
Reference recycle information from label.  
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Properties	Typical Values	Test Method
Ash, Mass: Concentrate 50 vol %	1.26% 0.63%	ASTM D1119
pH, 50 vol %	8.7	ASTM D1287
Reserve Alkalinity: Concentrate 50 vol %	8.8 mL 4.4 mL	ASTM D1121
Specific Gravity at 20/20°C: Concentrate 50 vol %	1.121 1.071	ASTM D1122
Flash Point, 50 vol %	None	Tag Open Cup
Foam Test	30 mL/1.0 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
- Freightliner 48-25878
- CAT EC-1
- Volvo 128603
- SAE J1941
- Mack SB 232-014
- CID A-A-52624A

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

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## 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.

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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
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