

PATENTED UNIVERSAL LOW SILICATE FORMULA FOR AUTOMOBILES AND HEAVY-DUTY DIESEL ENGINES



- *Freeze-Up Protection To -84°F*
- *Boil-Over Protection To 276°F*
- *Protects All Cooling System Metals, Including Aluminum, Against Rust And Corrosion*



Full Force[®] ANTIFREEZE & COOLANT

Patented Universal Low Silicate Formula

Full Force[®] Antifreeze & Coolant is a conventional green colored, ethylene glycol based antifreeze formulated for use in automotive and light duty diesel applications. It's patented formula protects all engine metals, including aluminum, against damaging rust and corrosion when used as recommended.

Full Force Antifreeze & Coolant Provides 5-Way Protection Against:

- Freeze-Up
- Sludge Clogging
- Scale Build-Up
- Rust, Corrosion
- Boil-Over

Chemical Properties

Properties	Typical Values	ASTM Test Method
Specific Gravity at 60/60°F	1.120-1.130	D 1122
Boiling Point, Reflux	325° F Min.	D 1120
Foam Test	50 ml./3 sec. Max.	D 1881
pH, 50% Volume Solution	10.5 Min. - 11.0 Max.	D 1287
Reserve Alkalinity	11 ml. Min.	D 1121
Flash Point, COC	250° F Min.	D 92
Total Water, Wt. %	5% Max.	D 1123
Total Glycols, Wt.%	95% Min.	E 202
Silicon	250 ppm., Max.	

At sea level atmospheric pressure with 15 lb. pressure cap. The boiling point decreases about 2°F per 1,000 feet of altitude and increases about 2.5°F per pound of pressure developed in the system.

Specifications:

Meets the performance requirements of these specifications:

Automobile

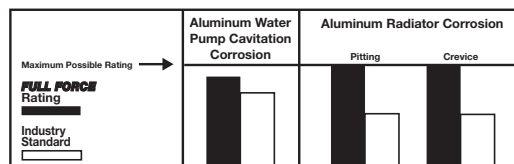
- ASTM D-3306
- ASTM D-4340
- Chrysler MS 7170
- Ford ESE-M97B-44-A
- G.M. 1825M
- John Deere H24C1
- SAE J1034

Heavy-Duty

- ASTM D-4985
- Caterpillar
- Cummins 90T8-4
- G.M. 1899M
- John Deere H24B1
- Mack Truck
- Navistar B1
- SAE J1941
- TMC RP 302B
- Volvo/GM Heavy Truck

Patented Corrosion Protection:

Very low corrosion weight changes by standard ASTM Glassware (D-1384), Simulated Service, (D-2570) and Vehicle Service (D-2847) test methods. These methods use the 6 different metals: copper, solder, brass, steel, cast iron and aluminum commonly found in an automotive or truck cooling system. Compatible with all nationally distributed water filters and liquid supplemental coolant additives (SCAs).



We Only Have One World...Please Help Protect It.

All laws and regulations should be observed when disposing of Antifreeze/Coolant and Radiator Fluids. Call the EPA or the office of your state or local environmental agency for details on disposal procedures.

FREEZE/BOIL PROTECTION CHART *Using a 15 PSI Pressure Cap	% of Cooling System Capacity	PROTECTS FROM	
		Freezing Down to	Boiling Up to*
	50	-34°F	265°F
	60	-62°F	270°F
	70	-84°F	276°F

Gallon UPC Code	0-74804-00905-7	Part Number	FFA003
Case UPC Code	0-74804-10905-4	Pallets/Cases Per Truck	20/720
Case SCC-14 Code	1-00-74804-00905-4	Units Per Truck	4,320
Pack/Unit Case	6/1 Gallon (3.78 Liter)	Truckload Weight*	44,200 lbs.
Weight/Cube	60 lbs./1.53 cu. ft.	Pallet Size	48"L X 40"W X 53 ³ / ₄ "H
Case Dimensions	15 ¹ / ₂ "L X 12 ¹ / ₂ "W X 12 ¹ / ₄ "H	Pallet Weight (inc. A/F & pallet)	2,210 lbs.
Cases Per Pallet	36	Cases/Rows High	9/4

(*) Includes Pallet Wt.: 20 @ 50 lbs. ea. = 1,000 lbs.
Product Liability Information/Material Safety Data available upon request.



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