



# ANTIFREEZE + COOLANT

POLAR ANTIFREEZE & COOLANT is a conventional (green), ethylene glycol based antifreeze for use in automotive and light duty diesel applications. POLAR Antifreeze & Coolant contains inhibitors that provide maximum protection from freezing to -84°F and boil-over to +276°F. Its formula protects all metals, including aluminum, against damaging rust and corrosion when used as recommended.

## FEATURES & BENEFITS

- Provides superior corrosion protection for all metals including aluminum
- Meets heavy duty standards for low silicate antifreeze
- One product for automobiles, diesel engines, and heavy duty equipment
- Maximum Freeze-Up Protection to -84°F Boil-Over Protection to +276°F
- Provides Year-Round Protection
- Protects Against Damaging Rust and Corrosion
- Compatible with All Conventional Green Antifreeze
- When used in heavy-duty applications, the addition of a separate Supplemental Coolant Additive (SCA) is recommended at initial fill and when topping off. See owner's manual for engine manufacturer's requirements.

## SPECIFICATIONS

Meets the performance requirements and specifications for aftermarket antifreeze/coolants including:

### Heavy Duty

- ASTM D-4985
- Cummins 90T8-4
- Caterpillar
- TMC RP302-B
- John Deere H24B1/C1
- Mack Truck
- Volvo-GM Heavy Truck

### Automobile

- ASTM D-3306
- ASTM D-4340
- Ford ESE-M97B44-A
- Chrysler MS7170

## CHEMICAL PROPERTIES

CHART BELOW PERTAINS TO CONCENTRATED PRODUCT ONLY.

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

\*With 15 psi pressure cap.



Available from  
Warren Distribution, Inc. | 727 South 13th Street. | Omaha, Nebraska 68102 | U.S.A.  
800-825-1235 | 402-341-9397 | Fax: 402-977-5881 | www.mag1.com



Polar Antifreeze  
1 U.S. GAL. (3.78 L)  
Part No. 010 / Order No. 10000

Polar Antifreeze (50/50)  
1 U.S. GAL. (3.78 L)  
Part No. 038 / Order No. 10005

**POLAR  
ANTIFREEZE & COOLANT  
ALSO AVAILABLE  
IN 55 GALLON DRUMS**



### Part No. 010 / Order No. 10000

Pack	6/1 Gallon (3.78 L)
Item No.	P001AF6P
Each UPC	0-71621-00010-6
Case UPC	0-71621-00610-8
Case SCC	1-00-71621-00010-3
Pack Dimensions	L 16" x W 12.5" x H 12.25"
Pack Cubes (Ft. <sup>3</sup> )	1.53
Pack Weight (lbs.)	60.0 Lbs
Pallet Weight (lbs.)	2210.0 Lbs
Pallet Stack	36 Cases (4 Layers of 9)

### Part No. 038 / Order No. 10005

Pack	6/1 Gallon (3.78 L)
Item No.	P038AF6P
Each UPC	0-71621-10150-6
Case UPC	0-71621-10192-6
Case SCC	0-71621-10150-3
Pack Dimensions	L 15.5" x W 12.5" x H 12.25"
Pack Cubes (Ft. <sup>3</sup> )	1.53
Pack Weight (lbs.)	60.0 Lbs
Pallet Weight (lbs.)	2210.0 Lbs
Pallet Stack	36 Cases (4 Layers of 9)

### FULL STRENGTH ANTIFREEZE

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