



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

Rev. 11/10



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. ³)	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. ³)	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