



## Conventional Green Concentrate Antifreeze Coolant

### PolyFreeze Conventional Green Concentrate

Is an advanced formula product designed for use in passenger car engines and up to heavy duty diesel engines. It is a unique combination of corrosion inhibitors utilizing a low silicate, phosphate free formula. Used as directed, and mixed with water, offers superior 5-way protection against:

- Freeze-up
- Scale Build Up
- Rust Corrosion
- Boil Over
- Sludge/Clogging
- Liner Pitting

When blended as directed can be used as a top-off but to maximize protection, a complete flush and fill should be performed.

### Advantages

- Meets ASTM D-3306 Light Duty and ASTM D-6210 Heavy Duty Specifications
- Safe for use with all engine metals - including aluminum
- For all domestic and European models that call for conventional AntiFreeze.
- Phosphate free and low silicate - Suitable for Asian models.
- Compatible with all other conventional coolants.
- Proven technology over decades of use.
- For safety purposes all PolyFreeze antifreeze is blended with a bittering agent.

### Specifications

PolyFreeze Premium Green AntiFreeze is blended with proprietary additives designed to safely meet the performance specifications of (but not limited to):

- ASTM D-3306
- ASTM D-6210
- John Deere 8650
- Chrysler MS-7170
- GM 1825M
- SAE J1034
- GM 1899M
- TMC RP 302A
- JIS K 2234
- Ford ESE M97B44-D
- Military A-A-52624
- GSA A-A-870A



Available in  
Gallon jugs, Drums,  
Totes or Bulk.

### Typical Properties

DESCRIPTION	TYPICAL VALUES	TEST METHOD
Appearance	Green	Visual
Specific Gravity at 60/60°F	1.085-1.150	D 1122
Freeze Point, at 50% max	-34°F	D-3321
pH at 50% Solution	8.5-10.0	D-1287
Reserve Alaklinity min.	6	D-1121
Foam Test	150ml/5 sec	D-1881

FREEZE/BOIL PROTECTION CHART	% of Cooling System capacity	PROTECTS FROM	
		Freezing Down to	Boiling Up to*
	40	-10 °F	259 °F
Using a 15 PSI Pressure Cap	50	-34 °F	265 °F
	60	-62 °F	270 °F

Cooling System Capacity in Quarts	Quarts of Antifreeze Required for Protection to Temperature (°F) Shown										
	3	4	5	6	7	8	9	10	11		
8	-7	-34									
9	0	-21	-50								
10	4	-12	-34	-62							
11	8	-6	-23	-47							
12	10	0	-15	-34	-57						
13	3	-9	-25	-45							
14	6	-5	-18	-34	-54						
15	8	0	-12	-26	-43	-62					
16	10	2	-8	-19	-34	-52					
17		5	-4	-14	-27	-42	-58				
18		7	0	-10	-21	-34	-50	-62			
19		9	2	-7	-16	-28	-42	-56			
20		10	4	-3	-12	-22	-34	-48			

For best overall protection,  
solution strengths within  
the YELLOW color band  
are recommended.

50% SOLUTION RECOMMENDED TO OBTAIN MAXIMUM PROTECTION.  
DO NOT EXCEED 70% CONCENTRATION OF ANTIFREEZE.



ORG Chem-Group  
11210 Solomon Road Troy, In, 47588  
812.547.7951

PolyFreeze is a Trademark of ORG Chem-Group, LLC