



**Long-Life
Concentrate
Antifreeze Coolant**

PolyFreeze Long-Life Concentrate

Is an advanced formula product designed for use in passenger cars and up to light duty diesel engines. Used as directed PolyFreeze Long-Life Antifreeze, offers superior performance in virtually all light duty applications. It is a unique combination of corrosion inhibitors utilizing a low silicate, phosphate free and 2-EH free formula. Its HOAT proven technology makes it an excellent choice for your long-life antifreeze needs. Can be used as a top-off but to achieve maximum protection, a complete flush and fill should be performed. PolyFreeze Long-Life Concentrate provides protection against:

- Freeze up
- Scale Build up
- Corrosion
- Clogging
- Boil Over
- Rust
- Sludge
- Seal failure

Advantages

- Meets Light Duty ASTM D-3306 specifications
- Safe for use with all metals - including aluminum
- Compatible with Hybrid and OAT coolants - including Dexcool™
- Phosphate free and low silicate - the choice for Japanese and Korean models.
- All light duty applications - 5 years / 150,000 miles
- Proven technology over decades of use.
- For safety purposes all PolyFreeze antifreeze is blended with a bittering agent.

Specifications

PolyFreeze Long-Life Concentrate is blended with proprietary additives designed to safely meet the performance specifications of (but not limited to):

- ASTM D-3306
- GM 1899M
- Ford WSS-M97B51-A1
- Chrysler MS 7170
- TMC RP 302A
- John Deere 8650
- GM 1825M
- Ford ESE-M97B44-A
- JIS K 2234

Typical Properties

DESCRIPTION	TYPICAL VALUES	TEST METHOD
Appearance	Orange/Red	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



**Available in
Gallon jugs, Drums,
Totes or Bulk.**

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										
Quarts	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			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.**



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