iLAST™

Low Silicate, Phosphate Free Year-Round Protection

Conventional Green Antifreeze/Coolant Concentrate

iLAST CONVENTIONAL GREEN ANTIFREEZE CONCENTRATE is a premium glycol-based antifreeze designed for use in passenger car engines and light-duty diesel engines. It is formulated with a proprietary low-silicate, phosphate-free inhibitor package that is safe for all engine metals, including aluminum. It can be used as a top-off, but to achieve maximum protection, a complete flush and fill should be performed. When used as directed, it provides superior protection against:

- Freeze-up/Boil Over
- Scale Build Up
- Sludge/Clogging
- Wet Sleeve Liner Pitting
- Rusting
- Corrosion

Advantages

- Meets Light Duty ASTM D-3306
- 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 European and Asian models.
- Compatible with all other conventional coolants.
- Proven technology over decades of use.
- For safety purposes all iLAST antifreeze is blended with a bittering agent.

Specifications

iLast Conventional Green Antifreeze is blended with proprietary additives designed to safely meet the performance specifications of (but not limited to):

- ASTM D-3306
- Chrysler MS-7170
- GM 1899M
- GM 1825M
- TMC RP 302A
- Ford ESE M97B44-A
- John Deere 8650-5
- SAE J1034
- JIS K 2234

V251121

TYPICAL PROPERTIES

DESCRIPTION	TYPICAL VALUES	TEST METHOD
Appearance	Visual	GREEN
Specific Gravity at 60/60°F	1.085—1.150	ASTM D1122
Freeze Point, at 50% max	-34°F	ASTM D3321
pH at 50% Solution	8.5 - 10.0	ASTM D1287
Reserve Alkalinity min.	6	ASTM D1121
Foam volume (ml)	150ml/5 sec	ASTM D1881

Available in Gallons, Drums, Totes, and Bulk.

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

US Global Petroleum • Franklin Park, IL 60131 • www.usglobalpetroleum.com • +1-773-376-9660