



LD Global ELC

Prediluted 50/50 Ethylene Glycol OAT, Extended Life Coolant

Description

MAXTECH[®] LD Global ELC antifreeze/coolant is fully formulated and ready to add to a vehicle's cooling system with no further dilution necessary. MAXTECH[®] LD Global ELC is designed for busy shops that want one product to service their domestic or foreign cars, SUV's and light-duty trucks.

MAXTECH[®] LD Global ELC is formulated as a pure organic acid technology that does not contain any phosphate, silicate, borate, nitrate or nitrite. Additionally, LD Global ELC has a low reactivity which makes it less sensitive to contaminants such as motor oil, hard water compounds and other coolants. MAXTECH[®] LD Global ELC is compatible with all types of coolant technologies including conventional inorganic acid salt formulations, pure organic acid (OAT) formulations, hybrid organic acid formulations such as Si-OAT, Ph-OAT and other HOAT.

Benefits

- + Meets the performance requirements of ASTM D3306, which include ASTM D1384, ASTM D4340, ASTM D2570, and ASTM D2809.
- + Compatible for use in gasoline engines and light duty vehicles.
- + In LD applications it will perform for up to 5 years/150,000 miles.
- + Ready-to-use
- + Yellow color is neutral and will not alter the original color of the coolant

Characteristic	Specification	Company Typical	ASTM Method
Chloride (ppm)	25 Max.	7	D3634
Specific gravity (60°F)	1.065 min	1.073	D1122
Boiling Point (50% V/V)	226°F/107°C min.	230	D1120
Freezing Point (50% V/V)	-34°F/-36°C min.	-34	D1177
Effect on engine or vehicle finish	No effect	Pass	--
Ash content, mass %	2.5 max.	1.1	D1119
pH (50% V/V)	8.0-9.0	8.5	D1287
Reserve alkalinity*	None specified	1.0	D1121
Color	Distinctive	Yellow, Green, Pink, or Blue	--
Effects on Nonmetals	No adverse effect	Pass	--
Foaming	5 sec., max.	Pass	D1881

» **Recommended Test Strip:** Acustrip[®] 3001MR

*Reserve alkalinity (RA) is a value agreed between the customer and supplier. The RA listed above is the typical for the additive package being used.
 **Boiling point shown at atmospheric pressure. Add 40°F for 15 psi radiator cap.