



HD Global ELC

Prediluted 50/50 Ethylene Glycol OAT, Extended Life Coolant

Description

MAXTECH[®] HD Global ELC is a new generation of OAT (organic acid technology), extended life antifreeze designed for mixed fleet use. This is a premium product specifically designed to protect aluminum alloys being used in today's high-performance cooling systems. It is formulated to provide superior corrosion protection and durability under the more demanding conditions of higher combustion temperatures and cylinder pressures of the latest low emission engines. Formulated for heavy-duty diesel engine cooling systems (on-road or off-road) but can also be used in any light-duty (cars, SUV's and light-duty trucks) application.

MAXTECH[®] HD Global ELC is a pure OAT formulation that does not contain any conventional inorganic salts (free of nitrite, nitrate, silicate, phosphate and borate), amines or 2-ethylhexanoic acid. It provides outstanding cylinder liner cavitation/pitting protection, and is compatible with all types of antifreeze/coolant.

Benefits

- + Meets the performance requirements of ASTM D6210, ASTM D7583, ASTM D3306, which include ASTM D1384, ASTM D4340, ASTM D2570, and ASTM D2809.
- + Ready-to-use in any vehicle.
- + Protects all system metals.
- + Best compatibility with non-metals, including hoses, seals, and gaskets.
- + In HD applications, performance beyond 12,000 hours/600,000 miles in well maintained systems.
- + In LD applications it will perform for up to 7 years/175,000 miles with complete drain, flush, and refill.
- + Yellow color is neutral and will not alter the original color of the coolant if topping off.
- + Also available in red color.

Characteristic	Specification	Company Typical	ASTM Method
Chloride (ppm)	25 Max.	5	D3634
Specific gravity (60°F)	1.065 min	1.080	D1122
Boiling Point (50% V/V)	226°F/108°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	D1882
Ash content, mass %	2.5 max.	0.7	D1119
pH (50% V/V)	8.0-9.0	8.5	D1287
Reserve alkalinity*	None specified	6.8	D1121
Water pump cavitation	Pass	Pass	D2809
Color	Distinctive	Yellow or Red	--
Foaming	5 sec., max.	Pass	D1881

» **Recommended Test Strips:** Acustrip[®] 40132 + pH

*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.