



HD Extended Life NOAT

Prediluted 50/50 Ethylene Glycol OAT with Nitrite and Molybdate, Extended Life Coolant

Description

MAXTECH[®] HD Extended Life NOAT is prediluted, 50/50 antifreeze/coolant formulated with nitrite and molybdate for extra protection in heavy-duty diesel applications. It contains a well-balanced organic acid technology (OAT) inhibitor system that provides great protection for all cooling system metal components. The product provides year-round protection against freeze-ups, boil-overs and engine cooling system corrosion. This antifreeze/coolant also includes ingredients to disperse minor oil leakage, prevent fouling, and control hot surface scaling.

MAXTECH[®] HD Extended Life NOAT eliminates the need for chemical filters and supplemental coolant additives (SCAs) and is formulated to be free of phosphate, silicate, amine, and borate. It is compatible with other HD OAT coolants, like CAT ELC[™] (EC-1 specification).

Benefits

- + Meets the performance requirements of RP 329, RP 338A, ASTM D6210, ASTM D3306, which include ASTM D1384, ASTM D4340, ASTM D2570, ASTM D2809.
- + Excellent protection against erosion corrosion by wet sleeve cylinder liner cavitation (liner pitting).
- + Ready-to-use.
- + Protects all system metals.
- + In HD applications provides up to 600,000 miles on-high way or up to 12,000 hours off-road service where a well-established monitoring program is in place for testing coolant at least twice a year. Coolant Extender is generally needed at half-life (300,000 miles or 6000 hours) and may be added based on results from coolant sample analysis.
- + Red in color.

Characteristic	Specification	Company Typical	ASTM Method
Chloride (ppm)	25 Max.	6	D3634
Specific gravity (60°F)	1.065 min	1.075	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	1.1	D1119
pH (50% V/V)	8.0-9.0	8.5	D1287
Reserve alkalinity*	None specified	3.0	D1121
Color	Distinctive	Red	--
Foaming	150 vol., max 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.