



HEAVY DUTY OAT

EXTENDED LIFE ANTIFREEZE / COOLANT

PRODUCT #241 #231
[CONC.] [PREMIX]

DESCRIPTION:

Crystal Clean HD OAT is the latest generation of coolant chemistry for heavy-duty applications requiring ethylene glycol-based, extended-life coolant with OAT technology. It delivers superior performance and durability under demanding engine conditions with higher temperature stability and excellent heat transfer for CNG, EGR, and SCR systems.

Crystal Clean HD OAT is an all-organic formulation using inhibitor technology that contains no inorganic salts (i.e. nitrite, nitrate, silicate, phosphate, borate), amines, or 2-ethylhexanoic acid. It minimizes deposits, protects metals, is highly compatible with non-metal components, and provides outstanding cylinder liner cavitation protection. It is also compatible with all major OAT coolants without precipitation issues under typical top-offs.

BENEFITS:

- Meets the performance requirements of ASTM D6210, ASTM D3306, RP364, and RP338A
- Ready-to-use prediluted 50/50
- In HD applications, performance up-to 1,000,000 miles/20,000 hours in well maintained systems.
- Yellow color is neutral and will not alter the original color of the coolant if topping off.
- Protects all system metals.
- Also available in red color.

PREMIX 50/50

Characteristic	Company Typical	ASTM Method
Specific Gravity (60°F)	1.075	D1122
Boiling Point (50% V/V)	230°F**	D1120
Freezing Point (50% V/V)	-34°F	D1177
Ash content, mass %	1.1	D1119
pH (50% V/V)	8.5	D1287
Reserve alkalinity*	3.5 mL	D1121
Color	Yellow or Red	--

Recommended for use in the following heavy duty on road and stationary engines including:

- Detroit Diesel Corp
- Caterpillar
- Komatsu
- Peterbilt
- General Motors
- John Deere
- International Truck
- Freightliner
- Volvo / Mack Trucks
- Ford Motor Co
- Kenworth
- Mercedes

This product contains a limited warranty. Please visit <https://www.crystal-clean.com/af-warranty> for full details. Follow OEM recommendations for specified maintenance.

*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

