

Heavy Duty NOAT Red ANTIFREEZE/COOLANT

THRIVE® Heavy Duty Extended Life Antifreeze/Coolant is a premium quality Nitrited Organic Acid Technology (NOAT) virgin ethylene glycol-based fluid. Specially formulated with industry-leading additives, this product provides extended service maintenance protection in engines requiring a heavy duty NOAT coolant.

- 2-EH free - safe for silicone seals
- Ideal for CAT or mixed fleets - see specifications for additional applications
- Cost of ownership 56% LESS than heavy duty conventional antifreeze*
- Meets ASTM D6210, ASTM D3306 and TMC RP329

*Based on typical fluid prices, recommended maintenance practices, and average labor costs



THRIVE® Heavy Duty Extended Life Antifreeze/Coolant is your cooling system's best defense.

- Extended service life of 1,000,000 miles on-road/8 years or 20,000 hours off-road use*
- Meets CAT EC-1 requirements
- Free of 2-ethylhexanoic acid (2-EH), phosphates, silicates and amines
- Provides freeze and boil-over protection
- No addition of SCAs required*
- Offers excellent wet sleeve liner cavitation protection, with a nitrite and molybdate additive combination
- Contains better heat transfer properties than conventional coolants requiring SCAs
- Extended life corrosion protection for aluminum and all other engine metals
- High-quality defoamer system, non-harmful to hoses, plastics or gaskets
- Compatible with most major American brands of extended life Organic Acid Technology type antifreeze/coolants

*HD Extender may be needed based on test results. Consult your vehicle's owner's manual for recommendations.

Available in:

CONCENTRATE	50/50 PREMIX	TECHNICAL INFORMATION	CONCENTRATE	50/50
55G Drum #855500	55G Drum #8558500	Fluid Color	Red	Red
		Density @ 68°F, lb/gal	9.4	9.0
		pH (50v% solution)	8.55	8.55
		Maintenance Interval, miles (hours)	300,000 (6,000)	300,000 (6,000)
		Coolant Lifetime, miles (hours)	1,000,000 (20,000)	1,000,000 (20,000)

Freeze/Boil Protection

% Cooling System Capacity	PROTECTION FROM	
	Freezing Down to	Boiling Up To†
40	-13°	+260°F
50	-34°	+265°F
60	-62°	+270°F

†Using a 15 psi pressure cap

Always consult your vehicle's owner's manual for proper fluid removal and flushing procedures.

Recommended for use in:

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|-----------------------|----------------------------|
| ASTM D3306 | MAN 324 Type N |
| ASTM D6210 | MTU 5048 |
| BS 6580:2010 | MWM Deutz TR0199-99-1115 |
| CAT EC-1 | MWM Deutz TR0199-99-2091 |
| CNH MAT 3620 EG3, EG4 | Navistar CEMS B-1 Type III |
| Cummins CES 14439 | Perkins (CAT) SEBU7833-03 |
| Cummins CES 14603 | TMC RP 329 |
| Daimler DBL 7700 | TMC RP 338A |
| JCB STD00088 | Volvo Coolant VCS |
| John Deere JDM H24A | Waukesha 4-2429H |