

# Heavy Duty Nitrite Free Red ANTIFREEZE/COOLANT

THRIVE® Heavy Duty Nitrite-Free Extended Life Antifreeze/Coolant is a premium Organic Acid Technology (OAT) formula. This virgin ethylene glycol-based fluid is specially formulated with advanced additive technology, and provides extended service maintenance protection in heavy duty applications without the addition of SCAs. It also meets the nitrite-free coolant requirements of many industry-leading OEMs.

- No addition of SCAs required
- Provides up to 1,000,000 miles or 20,000 hours of protection\*
- Great for mixed fleets - approved for use in heavy duty and light duty engines.
- Meets or exceeds ASTM D6210. Ideal for CAT EC-1, Cummins, Detroit Diesel, Navistar, or mixed fleets
- Cost of ownership 68% LESS than heavy duty conventional antifreeze/coolant\*\*

\*With proper maintenance. Consult your vehicle's owner's manual for recommendations.

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



## THRIVE® Heavy Duty Nitrite Free Red Antifreeze/Coolant is your cooling system's best defense.

- Extended service life of 1,000,000 miles, 8 years or 20,000 hours of off-road use
- Free of phosphates, silicates, nitrites, amines, and borates
- Offers excellent wet sleeve liner cavitation protection
- 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 Organic Acid Technology coolants

Recommended test interval is 300,000 miles/6,000 hours/1 year. Proper inhibitor levels can typically be achieved by topping off with THRIVE® HD NF. Consult your vehicle's owner's manual for recommendations.

### Available in:

CONCENTRATE	50/50 PREMIX
275G Tote #809800	275G Tote #8098800
55G Drum #855800	55G Drum #8558800
NA	3X1G Case #8038800

TECHNICAL INFORMATION	CONCENTRATE	50/50
Fluid Color	Red	Red
Density @ 68°F, lb/gal	9.5	9.0
pH (50v% solution)	8.6	8.6
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)

\*Can typically be maintained through routine top off. Recommended coolant check every 300,000 miles.

### 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

### Recommended for use in:

- |                                 |                                    |
|---------------------------------|------------------------------------|
| ASTM D3306                      | John Deere JDM H24C                |
| ASTM D6210                      | John Deere JDS-G135                |
| BS 6580:2010                    | Komatsu KES 07 892                 |
| CAT EC-1                        | MAN 324 Type SNF                   |
| CNH MAT 3620 Grade EG3/EG4      | MB BB00.40-P-0310-01A, 325.3/326.3 |
| CNH MAT 3624                    | MTU MTL 504                        |
| Cummins CES 14603               | MWM Deutz TR0199-99-1115           |
| Daimler DBL 7700.30             | MWM Deutz TR0199-99-2091           |
| Detroit Diesel 93K217           | Navistar MPAPS B-1 Type IIIA       |
| Detroit Diesel 7SE298           | TMC RP 338A                        |
| Deutz H 0685-7: Class DQC CB-14 | Volvo Coolant VCS: 20774185        |
| GE Jenbacher 1000-201           | Waukesha 4-2429H                   |

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