

FINAL CHARGE®

GLOBAL EXTENDED LIFE COOLANT / ANTIFREEZE

RED COLOR

The FINAL Word In Global Heavy-Duty Cooling System Protection

DESCRIPTION:

FINAL CHARGE® Global Extended Life is a Nitrite-Free, ethylene glycol based coolant / antifreeze that features a proprietary Organic Acid Technology (OAT) formula, designed to provide total protection for heavy duty cooling systems and is available in concentrate or 50/50 pre-diluted.

BENEFITS:

- Nitrite-free, phosphate-free, silicate-free and borate-free globally formulated coolant which uses proprietary organic acid corrosion inhibitors to provide outstanding long-term wet sleeve liner cavitation and corrosion protection of all cooling system metals.
- Provides total cooling system protection for 1,000,000 miles of on-road use (8 years or 20,000 hours of off-highway use)*
- Eliminates the need for SCAs (Supplemental Coolant Additives), chemically charged filters and inhibitor testing, saving time and money
- Proprietary formula, with Contamination Tolerant Additives (CTAs), can be mixed with in any proportion with other coolants with no detrimental effect to corrosion protection. However, to realize **FINAL CHARGE Global Extended Life** Coolant / Antifreeze maximum protection, contamination levels should be kept below 25%.
- Designed to provide excellent heat transfer
- Provides effective long-term corrosion protection of all cooling system components
- Provides exceptional long term elastomer compatibility

* To maintain the protection provided by FINAL CHARGE Global Extended Life Coolant / Antifreeze, the proper level of FINAL CHARGE coolant's patented inhibitor system must be present. This can be achieved by topping off the cooling system with FINAL CHARGE Extended Life Coolant only when required and maintaining the recommended freeze point.

APPLICATIONS:

Meets these specifications:

- NAVISTAR CEMS-B1-TYPE IIIa
- CAT EC-1
- CUMMINS CES 14603
- DETROIT DIESEL 93K217
- MTU 5048
- MERCEDES DBL 7700
- MERCEDES 325.3
- MAN 324 TYP SNF
- BEHR RADIATOR
- ASTM D-6210

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES:

Properties	ASTM Test Method	Typical Values	
		CONCENTRATE	50/50 PRE-DILUTED
Color		Red	Red
Specific Gravity 60/60°F	D-1122	1.126	1.07
Freezing Point, 50% Vol	D-1177	-34°F (-37°C)	-34°F (-37°C)
Boiling Point, 50% Vol	D-1120	226°F (108°C)	226°F (108°C)
pH, 50% Vol	D-1121	7.9	7.9
Reserve Alkalinity	D-1123	7	3.5
Ash Content (WT. %)	D-1119	2	1

HANDLING AND SAFETY INFORMATION Refer to Old World Industries Material Safety Data Sheet (MSDS). The MSDS is available by calling Old World Industries' technical support line at 1-800-477-5847.

We Only Have One World... Please Help Protect It. All laws and regulations should be observed when disposing of Antifreeze/Coolant and Radiator Fluids. Call the EPA or the office of your state or local environmental agency for details on disposal procedures.



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CONCENTRATE

1 GAL. BOTTLE
 Part # FXA0B3
 UPC: 0-74804-00836-4
 55 GAL. DRUM
 Part # FXA0B1
 UPC: 0-74804-02067-0
 BULK
 Part # FXA0B0

50/50 PRE-DILUTED

1 GAL. BOTTLE
 Part # FXAB53
 UPC: 0-74804-00358-1
 55 GAL. DRUM
 Part # FXAB51
 UPC: 0-74804-02068-7
 BULK
 Part # FXAB50

Meets these performance requirements:

- JOHN DEERE
- VOLVO/MACK
- TMC RP 329
- PACCAR

PROTECTION CHART

% of Cooling System Capacity	Protection from	
	Freezing Down to	Boiling Up to*
50	-34°F	265°F
60	-62°F	270°F
70	-84°F	276°F

*At sea level atmospheric pressure with 15lb. pressure cap. The boiling point decreases about 2°F per 1,000 feet of altitude and increases about 2.5°F per pound developed in the system.

