



OUR BUSINESS IS HEAVY DUTY LUBRICANTS

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PRODUCT SPECIFICATIONS & TECHNICAL DATA

FLEET-ONE NOAT HEAVY DUTY EXTENDED LIFE ANTI-FREEZE + COOLANT FULL STRENGTH CONCENTRATE (Ethylene Glycol Based)

FLEET-ONE NOAT HEAVY DUTY EXTENDED LIFE ANTI-FREEZE + COOLANT is a fully-formulated, precharged extended life antifreeze that contains the initial charge of supplemental coolant additive (SCA). It was developed to allow to meet the myriad of specifications in the extended life category of antifreezes. **FLEET-ONE NOAT EXTENDED LIFE ANTI-FREEZE + COOLANT** is a hybrid and nitrated organic acid technology (HOAT/NOAT) additive system, containing both carboxylic acids (OAT technology) and azoles/inorganic salts (conventional technology). While OAT-only antifreezes have compatibility problems with conventional antifreeze formulations, HOAT formulations are compatible with OAT, HOAT, NOAT (nitrated organic acid technology) and conventional azole/inorganic salt type antifreeze/coolants.

FLEET-ONE NOAT EXTENDED LIFE ANTI-FREEZE + COOLANT is suitable for passenger cars, vans, SUV's, light trucks and heavy-duty vehicles. It will demonstrate outstanding aluminum corrosion control in addition to superior protection for copper, brass, solder, steel and cast iron. Substantial nitrite content will also control pitting/cavitation damage to diesel engine wet sleeve cylinder liners. In heavy-duty applications, **FLEET-ONE NOAT EXTENDED LIFE ANTI-FREEZE + COOLANT** will have a service life of 600,000 miles.

CHEMICAL PROPERTIES

PROPERTIES	TYPICAL VALUES	ASTM TEST METHOD
SPECIFIC GRAVITY AT 60 / 60° F	1.120-1.130	D 1122
BOILING POINT REFLUX	325 F MIN	D 1120
FOAM TEST	50 ml / 3 SEC MAX	D 1881
pH 50% VOLUME SOLUTION	10.5 MIN-11.0 MAX	D 1287
FLASH POINT COC	250° F MIN	D 92
TOTAL WATER, Wt %	5% MAX	D 1123
TOTAL GLYCOLS, Wt %	95% MIN	E 202
COLOR	Red	

PERFORMANCE SPECIFICATION: Meets or exceeds the following specifications

* CATERPILLAR EC-1 * CUMMINS * DETROIT DIESEL * MTU * NAVISTAR B-1 * INTERNATIONAL * VOLVO
* MACK TRUCK * TMC of ATA RP329/338 * ASTM D-3306 * ASTM D-4340 * ASTM D 4985 * ASTM D 6210

FREEZE / BOIL PROTECTION (USING A 15PSI PRESSURE CAP)

Concentration	Boiling Point	Freezing Point
50%	265°F	-34°F
60%	270°F	-62°F
70%	276°F	-84°F