



PureFleet EXTREME Heavy Duty ELC Antifreeze

STARFIRE PureFleet EXTREME HEAVY DUTY ELC ANTIFREEZE/COOLANT is a premium, virgin, ethylene glycol-based heavy duty antifreeze/coolant that contains a proprietary poly-organic/multi-organic acid technology inhibitor system that does not contain any phosphate, silicate, borate, nitrate or nitrite. It provides total cooling system protection for 750,000 on-road miles without the use of additive-containing coolant filters or supplemental coolant additives (SCAs). STARFIRE PureFleet EXTREME Heavy Duty ELC Antifreeze/Coolant is designed for use in ALL heavy duty cooling system applications, including truck, farm, off-road and/or marine engines.

STARFIRE PureFleet EXTREME Heavy Duty ELC Antifreeze/Coolant when used as directed:

- Meets ASTM D3306, ASTM D4985, ASTM D6210, TMC RP-329/330 and Caterpillar EC-1
- Is compatible with ALL types of coolant technologies, including conventional inorganic acid salt formulations, straight organic acid (OAT) formulations, hybrid organic acid formulations (HOAT), nitrited HOAT formulations (NOAT) and other poly-organic acid formulations
- Does NOT contain any phosphate, silicate, borate, nitrate or nitrite
- Provides up to 750,000 miles of total cooling system protection
- Is suitable for passenger cars, vans, SUVs, light trucks, heavy duty fleet vehicles and many off-road applications such as stationary engine cooling systems
- Will provide superior corrosion protection for ALL cooling system metals, including aluminum, steel, cast iron, copper, brass and solder
- Available in concentrate and 50/50 pre-diluted formulas

Meets the Following OEM Specifications:

GM 6277M
Ford ESE M97B44-A
Ford WSE M97B44-B
Ford WSS M97B44-D
Ford WSS-M97B54-A
Ford WSS-M97B44-E1/E2
Chrysler MS9769
John Deere H-5, H-24, A-1 to C-1
MTU MTL 5048, MTL 5049
Toyota
Porsche TL-774D
Mitsubishi
Honda HES D2009-75

Hyundai
Mazda MEZ MW 121D
Suzuki 0F02
Isuzu
VW TL774F (G12), light violet
VW G12
BMW
Mercedes-Benz 325.0 & 325.2
AudiSaab 6901 599
Volvo 014 GS 17009
Caterpillar EC-1
Caterpillar ELC (with the addition of molybdate per specification)

Cummins CES14603 (as found in service bulletin 3666132-02)
Detroit Diesel 7SE298; DDC Powercool Plus and DDC Powercool Plus 6000
Navistar CEMS B-44
Navistar/International B-1, Type III (CEMS B-1), with the addition of molybdate per specification
PACCAR: Kenworth, Peterbilt



	Typical Values	ASTM Method
ASH Content (50% by volume solution)	2.5% max	D119
PH (50% by volume solution)	7.5-9.0	D1287
Reserve Alkalinity	None Specified	D1121
Specific Gravity @ 20/20°C (50% by volume solution)	1.110-1.145	D1122
Freezing Point (50% volume Solution)	-34°F	D1177
Boiling Point (50% volume Solution)	226°F	D1120
Flash Point (Tag Open Cup) (70% by Volume Solution)	NONE	6100 (-30 °C)
Foam Test	150 ML/5.0 Sec. Max.	D1881
Color	Yellow	