

TEC-KOOL®

MAX

TEC-KOOL® Max Red ELC Heavy-Duty Concentrate Antifreeze/Coolant is a heavy-duty, extended life inhibitor package coolant containing organic acids, azoles, and nitrite. It contains no amines, borate, nitrate, phosphate or silicate. It will protect all engine metals from corrosion and will control cylinder liner pitting cavitation-erosion. It contains additives to minimize hot surface scaling and heat transfer surface fouling due to minor oil leakage, less susceptible to contamination than hybrid and conventional technologies, and is compatible with HD ELC, NOAT, and EC-1 systems.

TEC-KOOL® Max Red ELC Heavy-Duty Concentrate Antifreeze/Coolant is compatible with most major brands of OAT, HOAT, and conventional antifreeze. In heavy-duty applications, it provides a service life of at least 600,000 miles with the addition of an extender at 300,000 miles, if necessary. Extenders are added when analysis of the coolant indicates that it is needed. For off-road heavy-duty applications, it will provide a service life of 12,000 hours, with the addition of the extender at 6,000 hours if needed.

- Amines, Borate, Nitrate, Phosphate, and Silicate-Free Formula
- ELC Heavy-Duty - No SCA's Required
- Protection Against Corrosion and Cavitation

Meets or exceeds the following performance requirements and industry specifications:

- ASTM D3306
- TMC RP 329
- TMC RP 330
- Cummins®
- Detroit Diesel®
- ASTM D6210
- TMC RP 302A-1
- International®
- Caterpillar®
- Mack®

	Product Number	UPC Code	Pack
Concentrate	1031012540CONC	859862007654	6/1 Gallon
	1031021540CONC	859862007661	Drum
	1031020540CONC	859862007692	275 Gallon Tote
	1031020540CONC	859862007708	330 Gallon Tote
50/50 Premix	10310125450/50	859862007647	6/1 Gallon
	10310215450/50	859862007678	Drum
	10310205450/50	859862007685	275 Gallon Tote
	10310250450/50	859862007715	330 Gallon Tote

TEC-KOOL® Max Red ELC Heavy-Duty Concentrate Antifreeze

Physical Properties		
Antifreeze Glycols	Mass %	95.0 min.
Water & Corrosion Inhibitors	Mass %	5.0 min.
Flash Point	°F	250° F
Weight per gallon at 60°F -16°C	lbs.	9.17-9.37 min.
Silicates	Mass %	Nil

% Antifreeze	Freezing Point		Boiling Point*	
	°F	°C	°F	°C
40%	-9 max.	-22 max.	220 min.	104 min.
50%	-34 max.	-36 max.	226 min.	107 min.
70%	-84 max.	-64 max.	240 min.	115 min.
*Boiling point shown at atmospheric pressure. Add 40°F for 15psi radiator cap.				

Characteristics	Specification	Company Typical	ASTM Method
Chloride	25 ppm, max.	2	D3634
Specific gravity 60/60°F	1.110-1.145	1.120	D1122
Boiling Point Undiluted	325°F/162°C min.	328	D1120
Boiling Point, 50% V/V	226°F / 108°C min.	230	D1120
Freezing Point, 50% V/V	-34°F / -36°C max.	-34	D1177
Effect on engine or vehicle finish	No effect	Pass	--
Ash content, mass%	2.5 max.	2.0	D1119
pH, 50% V/V	7.0-11.0	8.5 - 9.5	D1287
Reserve alkalinity*	None specified	8	D1121
Water mass %	None specified	2.3 max.	D1123
Color	Distinctive	Red	--
Effect on nonmetals	No adverse effect	Pass	--
Storage stability	None specified	>1 year	--
Foaming	150 ml rise max. 5 sec. break, max.	Pass	D1881

* Reserve alkalinity (RA) is a value agreed between the customer and supplier. The RA listed above is the typical for the additive package being used.

NOTE: All laws/regulations should be observed when disposing of Antifreeze/Coolant. Dispose of contents/container, in a safe manner, to appropriate waste disposal facility, in accordance with local/state/national/international regulations.

TEC-KOOL® Max Red is Also Available in Yellow