

TEC-KOOL®

UNIVERSAL



TEC-KOOL Universal Blue SCA Precharged for Diesel Engines Concentrate Antifreeze/Coolant is a non-silicate, non-phosphate formulation that contains the initial charge of supplemental coolant additive (SCA) and a minimum of 2400 ppm Nitrite (as NO₂). It provides outstanding protection from cavitation erosion/corrosion in water pumps and wet sleeve cylinder liners, as well as, excellent overall corrosion protection.

In addition, **TEC-KOOL Universal Blue SCA Precharged for Diesel Engines Concentrate Antifreeze/Coolant** contains an advanced inhibitor system that provides a wide range of inhibitors which protect all cooling system metals. Together with the glycol base, these inhibitors combined with other additives, give year-round protection against freeze-ups, boil-overs and engine cooling system corrosion.

- Year-round protection against freeze-ups, boil-overs and engine cooling system corrosion
- Protects up to 5 years or 150,000 miles

TEC-KOOL Universal Blue SCA Precharged for Diesel Engines Concentrate Antifreeze/Coolant also includes ingredients to disperse minor oil leakage, prevent fouling, control hot surface scaling and it will not damage auto finishes or rubber parts.

Meets or exceeds the following performance requirements and industry specifications:

- ASTM D3306
- ASTM D4985
- ASTM D6210
- Caterpillar®
- Cummins® SB 3666132
- TMC RP329B, 338A
- John Deere® 8650-5
- GM® 1899M

	Product Number	UPC Code	Pack
Concentrate		859862007814	6/1 Gallon
		859862007821	Drum
		859862007852	275 Gallon Tote
		859862007869	330 Gallon Tote
50/50 Premix		859862007807	6/1 Gallon
		859862007838	Drum
		859862007845	275 Gallon Tote
		859862007876	330 Gallon Tote



TEC-KOOL Universal Blue SCA Precharged for Diesel Engines Concentrate Antifreeze

Physical Properties		
Antifreeze Glycols	Mass %	95.0 min.
Corrosion Inhibitors	Mass %	2.2 min.
Water	Mass %	2.8 max.
Flash Point	°F	250° F
Weight per gallon at 60°F -16°C	lbs.	9.35-9.45 min.
Silicates	Mass %	<250 ppm

% 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	1.125	D1122
Nitrite	2400 ppm min.	2800	D5827
Boiling Point Undiluted	325°F/162°C min.	330	D1120
Boiling Point, 50% V/V	226°F / 107°C min.	229	D1120
Freezing Point, 50% V/V	-34F / -36°C min.	-34	D1177
Effect on engine or vehicle finish	No effect	Pass	--
Ash content, mass%	2.5 max.	2.0	D1119
pH, 50% V/V	9.5-10.8	10.5	D1287
Reserve alkalinity*	None specified	10 min.	D1121
Water mass %	None specified	2.0 max.	D1123
Color	Distinctive	Blue	--
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.