



HEAVY DUTY DIESEL EXTENDED LIFE ANTIFREEZE/COOLANT



- Recommended for use in light and heavy duty diesel applications where an extended service interval is required
- **GUARANTEED UP TO: 6 years, 12,000 hours, or 600,000 miles***
- Fully formulated; does not require initial charge of SCA
- Low silicate, phosphate and amine free
- Available as a **CONCENTRATE** or **50/50 PRE-DILUTED**

ITEM#	FORMULATION	SIZE	CASE PACK	UPC	SCC
36-734STPEXP	Concentrate	1 Gallon	4	059934901273	40059934901271
36-834STPEXP	Pre-diluted	1 Gallon	4	059934901280	40059934901288

STP® Heavy Duty Diesel Extended Life Antifreeze/Coolant is a hybrid technology product that does not require an initial charge of SCA or coolant extender at initial fill. This OEM approved product is specially formulated to protect all coolant system metals and provides excellent wet sleeve liner cavitation protection. It is designed for use in light and heavy duty diesel applications where an extended service interval is required. It is recommended for use in on-road truck, off-road, farm, marine and stationary applications including, but not limited to, Caterpillar, Cummins, Detroit Diesel/MTU, GM Heavy Truck, Freightliner, PACCAR and Volvo Mack. *This aluminum compatible product, when added as an initial fill and properly maintained in accordance with engine manufacturer's maintenance recommendation, will provide an in-service life of up to 600,000 miles, 12,000 hours or 6 years, or whichever comes first.

Coolant concentrate must be diluted with water prior to use. **STP® Heavy Duty Diesel Extended Life Antifreeze/Coolant** should not be used in concentrated form. A 50% dilution is generally recommended for the best balance of protection against freezing, corrosion and summer boil-over. For increased freeze protection in extremely cold areas, a 60% volume concentration can be used. Concentrations of greater than 70% by volume are not recommended. High quality soft, de-ionized or distilled water should always be used to dilute coolant concentrate. For added value and convenience, this product is available in a ready to use format, pre-diluted to 50% volume using de-ionized water.

EXTENDED PERFORMANCE: The extended life engine coolant technology affords lasting corrosion protection and protects against pitting caused by cavitation to the ferrous and non-ferrous metals currently found in traditional and modern engine/engine coolant system construction. When added to a coolant system after a complete drain, flush and fill, this product provides up to 6 years, 12,000 hours or 600,000 miles of protection.

Chemical Name: Ethylene Glycol Based Engine Coolant

Typical Product Properties:

Characteristics	Performance	Test Method
pH (50% by vol.)	7.5 – 8.6	ASTM D1287
Specific gravity (15.6°C/60°F)	1.125 – 1.140	ASTM D1122
Freeze point (50% by vol.)	-37°C/ -34°F	ASTM D1177
Foam volume (ml)	150 max.	ASTM D1881
Foam break time (second)	5 max.	ASTM D1881
Reserve Alkalinity (ml)	6.0 min.	ASTM D1121
Chloride (ppm)	25 max.	ASTM D3634
Silicon (ppm)	250 max.	ASTM D6130
Color	Red	
Glycol Content (wt. %).	94 min.	
Inhibitors and Water Content (wt. %)	6.0 max.	

Meets the following specifications:
 ASTM D3306, D4656, D5345
 D6210; JIS K2334; TMC RP329;
 DETROIT DIESEL 7SE298,
 93K217; CAT EC-1; MTU MTL
 5048; CID-A-A-52624; CUMMINS



NOTICE: This product is shipped in compliance with applicable laws and regulations regarding classification, packaging, shipping and handling. The performance and physical property data described for this product are typical results not sale specifications, except where maximum or minimum is indicated. Refer to Material Safety Data Sheets for further information.

Because use conditions and applicable laws may differ from one location to another and may change with time, the customer is responsible for determining whether product and the information in this document are appropriate for their use and for ensuring that their workplace and disposal practices are in compliance with applicable laws and other governmental enactments. Recochem's warranty is limited to the claims of product meeting stated performance specifications. It is the responsibility of the end-user to determine product suitability as recommended in the owner's manual and to follow engine manufacturer's instructions.

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