



Technical Data Sheet

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HOT SHOT'S SECRET 150K 50/50 RV CAT Engine Anti-Freeze Hybrid Organic Acid Technology (HOAT) Coolant

Product Overview

Hot Shot's Secret 150K 50/50 RV CAT Engine Anti-freeze is a Pre-Blended and Pre-charged Extended Life Antifreeze/Coolant that possesses a proprietary combination of complex carboxylic acid derivatives along with nitrite to protect all six standard metal alloys (iron, copper, brass, solder, aluminum, and steel) found in radiator systems. Its hybrid organic acid technology (HOAT) additive package is formulated for CAT Diesel Engines with a stabilization system to improve the durability of its carboxylate salt base and extend its range of compatibility with both conventional inorganic salts and OAT-type antifreezes. It contains no phosphates, nitrates, borates, or silicates. In addition, Hot Shot's Secret 150K 50/50 RV CAT Engine Antifreeze will not cause turbidity, precipitation, or inhibitor effectiveness reduction when mixed with carboxylate based coolants such as Dex-Cool or Texaco Extended Life nor with conventional coolants such as Prestone, Zerex, and Peak. This antifreeze should provide service life in excess of 5 years or 150,000 miles. It is ideal for initial fills, coolant change-outs or top-offs. Our Universal Pre-charged Extended Life Antifreeze/Coolant meets ASTM D-4985 (Heavy-Duty Pre-diluted Coolant), ASTM D-6210 (Fully Formulated Pre-charged) as well as the Caterpillar EC-1 and Caterpillar ELC specifications.

Applications and Uses

HOT SHOT'S SECRET 150K 50/50 ANTIFREEZE is suitable for not only RV engines, but also light trucks, heavy-duty vehicles and many off-road applications such as stationary engine cooling systems. It will provide superior corrosion protection for all cooling system metals, including aluminum, steel, cast iron, copper, brass and solder alloys. Compliance with the many dissimilar antifreeze specifications in today's market also make it important to know what your additive package does not contain. HOT SHOT'S SECRET 150K RV CAT Engine 50/50 Antifreeze allows you to meet most of these exclusion requirements. A few uses include:

- Caterpillar EC-1
- ASTM D-6120
- SAE J1038
- Caterpillar ELC
- ASTM D-4985
- SAE J1034



Benefits

- Safe with Brass
- Safe with Aluminum
- Safe with Iron
- Safe with Copper
- Safe with solder
- Safe with Steel
- Universal
- Pre-charged with SCAs
- Nitrate Free
- Phosphate Free
- Borate Free
- Silicate Free
- 150,000 mile protection
- Stabilized Carboxylic Acid Technology

Directions for Use

Fill or top off to cold radiator or fill. Do not dilute with water.

Packaging

Hot Shot's Secret 150K 50/50 Antifreeze is available in:

- 1 Gallon Jugs
- 55 Gallon Drums
- 330 Gallon Totes

Typical Properties

Property or Test	ASTM	Result
Freezing Point	D-1177	-34°F
Boiling Point	D-1177	226°F (with 15psi radiator cap)
Nitrite content	D-5827	2800
Cavitation-erosion rating	D-2809	>8
Specific Gravity	D-1122	1.117

The Safety Data Sheet is available at:

<https://www.hotshotsecret.com/print-documents/>