



AVALANCHE HOAT (50/50 Prediluted Coolant/Antifreeze)

PRODUCT DESCRIPTION:

Avalanche HOAT is based on Hybrid Organic Acid Technology (HOAT) which provides protection against damaging rust and corrosion in automobiles and truck cooling systems including American, Asian, and European vehicles. This product is formulated to be phosphate-free and does not contain 2-Ethylhexanoic acid (2EH).

APPLICATION:

Avalanche HOAT is recommended for all types of heavy-duty diesel, gasoline and natural gas engines, stationary engine applications regardless of fuel type being used. It is also suitable for marine cooling systems where freeze protection is needed. Mixed fleets where both light-duty and heavy-duty trucks are present.

FEATURES & BENEFITS:

- Designed for use in engines running EGR and SCR technologies that can increase cooling system temperatures
- Eliminates the cost of SCAs
- Fully compatible with other quality Organic Acid (OAT) and Nitrited Organic Acid (NOAT) heavy-duty extended life coolants
- Non-abrasive formula can improve water pump seal life
- Optimal hard water compatibility and reduced hard water scale
- Provides outstanding long-term elastomer compatibility

PERFORMANCE LEVELS: Meets and Exceeds:

- ASTM D3306, D4985, D6210
- BS 6580
- SAE J1034, J1941
- FORD WSS-M97B51-A1
- ANFOR NF R 15-601
- CATERPILLAR (DEAC)
- CHRYSLER MS 7170
- CUMMINS
- DETROIT DIESEL
- JIS K 2234
- JOHN DEERE H-5, H24B1, H24C1
- TMC RP329, RP330

TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	AVALANCHE
Grade			50%
Ash Content	ASTM D-1119	%w/w	1.0
Freezing Point	ASTM D-1177	°C	-47
pH	ASTM D-1287	-	8.1
Reserve Alkalinity	ASTM D-1121	MI 0.1N HCL	3.5
SP. Gravity @15°C/ 60°F	ASTM D-4052	g/cm ³	1.07

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further information on Safety Guidelines please refer to MSDS available on our website www.lubrex.net

HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet www.lubrex.net

PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

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