

PRODUCT DESCRIPTION

Permafrost Premium Life HD Antifreeze/Coolant is a virgin ethylene glycol-based antifreeze that provides a service life of 300,000 miles or 600,000 miles with extender at half-life. Using a unique combination of organic acids, Permafrost Premium Life HD Antifreeze/Coolant does not contain nitrate/nitrite, phosphate, amine, or silicate (NAPS-free), and provides multi-metal corrosion protection, especially for aluminum as well as contains multiple scale inhibitors and dispersants.

Non-foaming, and safe for elastomers; Permafrost Premium Life HD Antifreeze/Coolant meets ASTM D6210 standards and does not use 2EH acid or other organic acids that are aggressive to hoses and gaskets. Permafrost Premium Life HD Antifreeze/Coolant is formulated for use in heavy-duty applications for on-highway, off-road, marine, agricultural, mining, and construction equipment.

STANDARDS

Permafrost Premium Life Coolant is designed to meet the following industry and performance specifications:

ASTM D-1122	ASTM D-2570	MTU
ASTM D-1177	ASTM D-1882	International
ASTM D-1120	ASTM D-4340	John Deere
ASTM D-1882	ASTM D-7583	Mack Truck
ASTM D-1119	Cummins	Ford
ASTM D-1287	Detroit Diesel	Peterbilt
ASTM D-3634	Freightliner	Volvo
ASTM D-1123	General Motors	MAN
ASTM D-1121	Kenworth	Scania
ASTM D-1881	PACCAR	
ASTM D-5961	Mercedes-Benz	

PACKAGING

4x4L Jugs, 10L Pails, 20L Pails, 205L Drum, 1,000 L Tote/IBC (Intermediate Bulk Container), Truck.

TECHNICAL DATA

TEST PARAMETER	ASTM METHOD	PASS/FAIL	RESULT
Effect on automotive finishes	D-1882	Pass	Pass
Freeze Point (°C)	D-1177	Pass	-38.9F / -39.4C
Boiling Point (°C)	D-1120	Pass	227.7F / 108.7C
Ash Mass %	D-1119	Pass	0.7
Glassware Corrosion Test	D-1384	Pass	Pass
Water Pump Cavitation Test	D-2809	Pass	Pass
Aluminum Corrosion Test	D-4340	Pass	Pass
Simulated Service Test	D-2570	Pass	Pass
Specific Gravity	D-5961	Pass	1.0802
pH 50% vol in DI H2O	D-1287	Pass	8.5
Reserve Alkalinity (mL)	D-1121	Report	6.8
Foam (mL/sec)	D-1881	Pass	90/2.4

Arch Distribution Inc. fully warrants that Permafrost™ Premium Life HD Coolant meets or exceeds the standards outlined above. Each Permafrost product is tested prior to packaging and shipping to ensure conformity; however, suitability for the intended purpose of this product remains the responsibility of the user. Product life is also subject to appropriate operating parameters and implementation of a suitable fluid testing program for peak performance. For more information, please contact your Permafrost™ representative or Arch Distribution Inc. Permafrost™ Coolants are produced in our blending facility with Lab Grade 2 quality water to ensure product performance and specifications. If undiluted products are purchased, water quality must be equivalent or greater than distilled or deionized in order to maintain performance guarantees. If you are unsure of your water quality, please contact Arch Distribution for testing and recommendations. If water of unsuitable quality is used for dilution, Arch Distribution cannot be held liable for potential damage.



Arch Distribution Inc.
Thorsby, Alberta, T0P 2C0
www.archdistribution.com

Box 619, #1-56 Ave, Thorsby Industrial Park
Telephone: (780) 984-0286
service@archdistribution.com