



ATLANTIC ANTIFREEZE COOLANT CONCENTRATE -RED

ETHYLENE GLYCOL BASED OAT ANTIFREEZE - EXTENDED LIFE COOLANT



DESCRIPTION

ATLANTIC ANTIFREEZE COOLANT CONCENTRATE -RED is a phosphate-free, silicate-free, nitrite-free, amines free and borate-free ethylene glycol base OAT Technology coolant that is designed to provide exceptional wet sleeve liner cavitation and corrosion protection of all cooling system metals. When used at the correct concentration, ATLANTIC ANTIFREEZE COOLANT CONCENTRATE -RED based on Organic Acid Inhibitor Technology continue to provide effective corrosion protection for up to 250,000km for passenger cars and 500,000km in commercial vehicles. It is recommended that the coolant is replaced when the above mileages have been reached or after 5 years. ATLANTIC ANTIFREEZE COOLANT CONCENTRATE -RED provides excellent protection to engine cooling systems, whether they are predominantly of ferrous or aluminium construction. Unlike traditional coolants which employ inorganic inhibitors, ATLANTIC ANTIFREEZE COOLANT CONCENTRATE -RED has excellent hard water stability and very low inhibitor depletion rates.

APPLICATIONS

ATLANTIC ANTIFREEZE COOLANT CONCENTRATE -RED is designed for all year-round usage in automotive and commercial petrol and diesel engines and certain industrial applications.

PERFORMANCE FEATURES AND BENEFITS

Anti-freeze properties: Superior cold temperature performance	Anti-corrosion properties: Outstanding corrosion protection
Total system protection: Excellent heat transfer and dispersion	Provides outstanding long-term elastomer compatibility
Extended shelf life (2years after manufacture) when stored under cover, away from moisture and direct sunlight	Improves life duration of water pumps and heat transfer in the engine

RECOMMENDATIONS / SPECIFICATIONS

European & International Standards : ASTM D 3306, ASTM D 4985, SAE J 1034, BS 6580: 2010, JIS K 2234, AFNOR NF R15-601, FFV Heft R443, CUNA NC 956-16, UNE 26361-88, NATO S 759
Meets or exceeds : Volvo VCS Coolant, Chrysler MS 9176, Cummins 85T8-2 & 90T8-4, Leyland Trucks LTS 22 AF 10, Mack 014GS 17004, MAN 248, 324 (SNF) & B&W D 36 5600, Mercedes MB 325.3, Renault 41-01-001, VAG TL 774 D/F, GM 1899 M, US 6277 M & OPEL GM QL130100, John Deere H 24 B1 & C1, MTU MTL 5048, Ford ESE M97B49-A, WSS-M97B44-D & ESD M97B49-A

TYPICAL FREEZE/BOILOVER PROTECTION MIXING CHART (Using a103.4kPa pressure cap)

Mixing Ratio		Freezing Point Protection (°C)	Specific Gravity @ 20°C (g/mL)
Antifreeze concentrate (%)	Demineralized water (%)		
25	75	-12	1.030
33	67	-22	1.045
40	60	-27	1.060
50	50	-40	1.074
60	40	-56	1.087

TYPICAL TECHNICAL PROPERTIES

PRODUCT CODE:	ASP-COOL-25007	
CHARACTERISTIC	CONCENTRATE	50/50
Appearance, Visual	RED	RED
pH, (50% vol), ASTM D1287	10.5	8 - 10.5
Specific gravity, ASTM D1122	1.120-1.130	1.070-1.080
Boiling point, °C (°F), ASTM D1120	162 min	109 min
Freezing point, °C (°F), ASTM D1177	--	-40
Total water, mass %, ASTM D1123	<5	50
Ash content, mass %, ASTM D1119	<5	<2.5
Chloride, ppm, ASTM D3634	<25	<25
Effect on non-metal materials	No effect	
Effect on engine or vehicle finish	No effect	
Reserve Alkalinity ml (ASTM D 112), (min.)	6.0	
Flash Point(COC), ASTM D92, (min), °C	116 min	
Foaming Characteristics(ASTM D 1881) Ability/ Stability for 5 Seconds	150/0 ml max	
Cavitations – erosion rating(ASTM D 2809)	8 min	

Packing: 1L, 4L, 5L, 20L, 200L, Bulk

Note: These characteristics are typical of current production. While future production will conform to Atlantic's specification, variations in these characteristics may occur.

ATL/PDS/ASP-07/02*, 01.06.25, Page 1/1

* supersedes all previous versions

Health and Safety: Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contact office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing off used product, take care to protect the environment.