

MAGNUM

Anti-Freeze Coolant 50%



MAGNUM Anti-Freeze Coolant 50 % is a premium quality, virgin ethylene glycol-based anti-coolant. It provides year-round protection for the cooling system. It protects all common system metals including copper, solder, brass, etc. It contains additives to minimize hot surface scaling while also preventing heat transfer surface fouling due to minor oil leakage.

BEBEFITS

- It will function effectively during both winter and summer to provide year-round protection against
- For freezing, boiling, and corrosion we recommend a 1:1 dilution by volume in water.
- Ideal for Middle east usage.
- Prevents freeze up in winter and boil-over in summer.

SPECIFICATION

Meets the requirements of ASTM D3306, D4985 General Motors GM6043M, GM1825M, GM1899M FORD ESE-M97B44-A, ESE-M97B18-C Chrysler MS-7170 Cummins 90T8-4, 366132 Detroit Diesel 7SE298 Navistar B1 (B6-008GO) John Deere H-5, 8650-5 Mack truck 014GS17004 Ford New Holland 9-86 Freightliner 48-22880 White (GMC Div. of Volvo) Case Corp. MS1710

APPLICATION OF USE

MAGNUM Anti-Freeze Coolant 50 % is recommended for coolant requirements for automobiles, vans, and pickup class trucks (ASTM D3306) as well as for heavy-duty engines requiring a pre-charge SCA. Such engines are typically used in off-highway machinery for agriculture, mining, earth-moving, and construction; roads, trucks, and buses; high-output stationary engine installations, and locomotive and marine installations.

TYPICAL TECHNICAL PROPERTIES

Physical Characteristics	Test Method	Typical Value
CHARACTERISTICS	TEST METHOD	SPECIFIED VALUES
Specific Gravity, 60°F -undiluted	D1122-	1.110 to 1.145
50%vol. in water		1.065 min
Freezing point 50 vol % in Distilled water , °F	D 1177	-34 max
Boiling Point-undiluted	D 1120	325 min.
50% vol. in water		226 min.
Effect on automotive finish	D 1882	No effect
Ash content, mass%	D 1119	
Undiluted		5 max
50% vol.in water		2.5 max
pH 50 VOL. % in diluted water	D 1287	7.5 to 11
Chloride , ppm	D 3634	25 max
Water mass%-undiluted	D 1123	5 max
Reserve Alkalinity, ml	D 1121	Report
Color		Distinctive
Effect on Non-metals		NA
Foaming	D 1881	
Volume, ml-		150 max
Break Time, sec		5 max

Note: All figures may vary slightly.



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