



COOLANT / ANTIFREEZE PHOSPHATE FREE

LONG LIFE COOLANT FOR PASSENGER CARS AND COMMERCIAL VEHICLES

Magic Plus Coolant / Antifreeze Phosphate Free is a ready-to-use, phosphate-free, silicate-free, nitrite-free, and borate-free, ethylene glycol-based coolant fully charged with supplemental coolant additives. This formulation is designed for heavy-duty diesel engine coolant/antifreeze for use in on-road or off-road vehicles. It helps provide exceptional wet sleeve liner cavitation and corrosion protection of all cooling system metals. It helps provide effective, long-term corrosion protection for aluminum, brass, cast iron, steel, solder, and copper.

Features & Benefits:

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

Applications:

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

Specifications, Approvals & Recommendations: (Meets / Exceeds)

- BS 6580
- ASTM D3306
- SAE J1034, J1038
- Cummins 90T8-4
- CAT ELC (EC-1)
- Detroit Diesel 7SE298
- GM 1825, 1899M, 6277M
- TMC RP329
- Freightliner 48-22880

Technical Data:

Parameters	ASTM	Unit	Typical Results			
			33%	50%	60%	100%
Concentration			33%	50%	60%	100%
Freezing Point	D-1177	°C	-16	-37	-45	-12
pH	D-1278	-	8.0	8.1	8.2	8.3
Density @ 60 °F / 15 °C	D-4052	g/cm ³	1.04	1.06	1.07	1.11

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

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