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TECHNICAL PRODUCT SHEET

RADIATOR PG SOLAR

DESCRIPTION

RADIATOR PG SOLAR is a concentrated propylene-glycol–based antifreeze formulated with full Organic Additive Technology (OAT) to provide reliable, long-term corrosion protection and thermal stability. When diluted with deionized water, it delivers effective freeze protection in winter and heat resistance during summer operation, ensuring consistent performance across a wide temperature range.

APPLICATIONS

RADIATOR PG SOLAR low-toxicity composition makes it suitable for use in automotive systems, heavy-duty engines, and stationary equipment, offering dependable year-round cooling system protection. The product is designed for both professional and consumer applications, ensuring broad usability and compatibility with modern cooling system materials. is fully compatible with all ethylene- and propylene-glycol–based antifreeze formulations, regardless of coolant color, ensuring trouble-free top-off and system integration. Its formulation is designed to work safely with all plastics, elastomers, and sealing materials commonly used in modern cooling systems, including hoses and gaskets. The product also maintains compatibility with fully formulated diesel antifreezes, as well as other Organic Acid Technology (OAT) and Hybrid Organic Acid Technology (HOAT) coolants, allowing flexible use across mixed fleets and diverse equipment without risk of material degradation or performance loss.

SPECIFICATIONS

BS 6580:2010
ASTM D3306

Suitable for : DAF, Deutz, Iveco, MAN ES, Stellantis

PROPERTIES

RADIATOR PG SOLAR advanced formulation surpasses industry standards for corrosion and erosion protection, ensuring long-term durability of metals commonly found in cooling systems. Its polyorganic-acid technology minimizes scaling and deposit formation, maintaining exceptional system cleanliness and thermal efficiency. The coolant provides robust protection for cylinder liners against cavitation erosion and corrosion pitting, supporting extended engine component life. Its stable chemistry eliminates the need for supplemental coolant additives (SCAs), extenders, or periodic system recharging, reducing overall maintenance requirements. PADIATOR PG SOLAR is also compatible with other coolant types and with all standard seal, gasket, and hose materials, promoting long service life and minimizing the risk of leaks.

APPLICATION TABLE

Antifreeze, % vol.	Protection down to...	Boiling Point, °C
40%	-21	103
50%	-33	105
60%	-51	107

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v1.JAN26

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PHYSICAL-CHEMICAL CHARACTERISTICS

RADIATOR PG SOLAR	METHOD	
Density at 20°C, g/cm^3	ASTM D5931	1.09
pH (33% v/v. solution)	ASTM D1287	8.2
Boiling point, °C	ASTM D1120	188
Color		Yellow

The abovementioned characteristics represent mean values.

STORAGE

All packages must be stored in covered, well-ventilated areas. If outdoor storage cannot be avoided, barrels must be placed horizontally to prevent water ingress and to protect labels and markings from damage. Products must not be stored at temperatures above 60 °C and must not be exposed to direct sunlight, freezing conditions, or extreme temperature fluctuations.

HEALTH & SAFETY

This product is not considered to pose significant risks to health or safety when used as intended and in accordance with recommended personal hygiene practices. It must not be applied for purposes other than those for which it has been formulated. For detailed guidance on safe handling and use, refer to the Safety Data Sheet (SDS).

USED OILS

Used lubricants must be collected at designated collection points to prevent environmental contamination. They must not be mixed with solvents, brake fluids, or antifreeze.