



PRODUCT DATA SHEET

GIANT RED PREMIX

Ethylene Glycol Based Premixed Engine Coolant with Organic Additive Technology (OAT)

DESCRIPTION

GIANT RED PREMIX is formulated to absorb and remove excess heat from the engine block to the radiator so as to prevent overheating, and ensuring that the engine operates at its optimally efficient temperatures. The Anti-Freeze properties are also ideal for freeze protection when required at temperatures below freezing point.

The unique blend of Organic Additive Technology (OAT) type of corrosion inhibitors prevents pitting, scale & rust formation, on the metal surfaces of the cooling system. This prevents leakages and extends the lifespan of the cooling system. OAT components are also non-toxic and readily biodegradable. OAT makes GIANT RED PREMIX a Long-Life Coolant (LLC), and it can typically last up to 5 years or 250,000 km in Automotive applications, and up to 6 years or 1,000,000 km in Heavy Duty applications.

PROPERTIES

Physical State	Liquid
Color	Red
pH Value	8 - 10
Solubility in Water	Soluble
Density	1.05 ± 0.03 kg/m ³
Boiling Point	107.2 °C at 101 kPa
Freezing Point	-36.8 °C at 101 kPa

BENEFITS

- Engine warms up quickly.
- Increases cooling efficiency.
- Contains corrosion and rust inhibitors.
- Special additives to protect metal components within cooling system.
- Extended drain – reduces maintenance costs.

TYPICAL APPLICATIONS

GIANT RED PREMIX can be used in the cooling systems of automobiles, trucks, vessels, aviation equipment, compressors, motors, generators and other heavy machineries.

SPECIFICATIONS

GIANT RED PREMIX meets or exceeds the requirements of the following specifications and guidelines: ASTM D-3306, ASTM D-6210, SAE J1034, TMC RP-329, TMC RP-338. It also meets the performance requirements of:

Cummins: CES 14603, CES 14439, 32-9011, ISBE Engine approvals

Detroit: DFS93K227, DFS93K217

Daimler/Mercedes: 325.3, 326.3, DTFR 29C110, DTFR29D110

Caterpillar: GCM34, 0199-99-2091/12, MAK Engine approvals

Komatsu: 07.892

IVECO: 18-1830

FORD: WSS-M97B44-D

GM MOTORS: GMW3420, GMW 18270

MAN: CW MAN 175D, 324 TYP SNF, D36 5600

FOTON: Q-FPT 2313005-2013