



## PRODUCT DATA SHEET

### GIANT BLUE PREMIX

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

#### DESCRIPTION

GIANT BLUE 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 BLUE 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	Blue
pH Value	8 - 10
Solubility in Water	Soluble
Density	1.03 ± 0.03 kg/m <sup>3</sup>
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 BLUE PREMIX can be used in the cooling systems of automobiles, trucks, vessels, aviation equipment, compressors, motors, generators and other heavy machineries.

GIANT BLUE 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 Caterpillar, Cummins, Detroit Diesel, International, Mack and Volvo.