

# THRONE OIL ORGANIC ANTIFREEZE

*Organic Based Cooling Liquid*

## **Description:**

It is an ethylene glycol-based, high performance concentrated liquid cooling liquid developed with Organic Acid Technology developed for 4 seasons use. It is suitable for environmental health since it does not contain nitrite, amine, phosphate, borate and silicate. It's not toxic. It is biodegradable. It does not contain borate, silicate, nitrite, nitrate, amine and phosphates. Compatible with the environment.

## **Usage Areas:**

It is used safely in the radiators of all engines. It is suitable for applications such as cold air storage, heating, air conditioning, solar energy systems.

## **Benefits and Advantages Provided:**

- It is compatible with radiator materials such as aluminum, cast iron, metal alloys manufactured by internal combustion engines and elastomers and sealants used in cooling systems.
- It protects the water in the cooling system against freezing and boiling.
- It prevents rust and corrosion formation and provides maximum protection. Depending on the climatic conditions for maximum performance it should be mixed with water at suitable proportions (33% - 67%).
- The storage life is long.

**Performance:** It compensates the performance specifications TSE 3582; BS 6580; MB-325.3 JOHN DEERE; ASTM D 3306, SAE J 1034; GM 6277M; MAN 324 TYP SNF

## **Typical Properties:**

Physical property	Method	Value
Color and Appearance	visual	Red and Clear
Density, Kg/m <sup>3</sup> , 15°C	ASTM D 4052	1,11
P <sup>H</sup> , at 20°C, with 50% water	ASTM D 1287	8,65
Freezing point, °C, with 50% water	ASTM D 1177	-37
Corrosion Test,	ASTM D1384	valid
Boiling point, °C,	ASTM D 1120	167

*\* The values given in the table are typical and they may vary from production to production.*