

WATER TREATMENT



ENGI TREAT

CORROSION AND SCALE LIQUID INHIBITOR FOR DIESEL ENGINE COOLING SYSTEMS

DESCRIPTION

ENGI TREAT is a concentrated liquid product of low toxicity for cooling water systems, which acts as corrosion and scale inhibitor.

Due to the acidic conditions and the oxidation of metallic surfaces, **ENGI TREAT** creates a protective film, preventing electrolytic oxidation. It also acts as scale inhibitor, reducing scale build-up and maintaining the efficiency of the system.

APPLICATION

Use **ENGI TREAT** in cooling water systems of main engines, diesel generation and auxiliary machinery.

USE AND DOSING

Add **ENGI TREAT** in the expansion tank and circulate. Initial recommended dosage for untreated systems is 8 liters of **ENGI TREAT** per 1000 liters of water. This amount will bring nitrite levels at approximately 1200 ppm and the maximum amount is 2400 ppm.

Use **ALPHAPAK 1 TEST KIT** for the daily measurements of Nitrite, chloride and pH and adjust the dosage of **ENGI TREAT** according to the dosing chart. An optimum Nitrite range within 1200-2400 ppm. Also, pH should be within 8.3-10.0 and chloride levels must not exceed 50 ppm.

These are recommended values, always follow manufacturer's instructions.

PRODUCT PROPERTIES

Appearance:	Liquid	pH (undiluted):	Acidic
Type:	Water based	Flash Point:	None

Nitrite (ppm)	ENGI TREAT dosage (l/tons)
0-300	8.0
300-600	6.4
600-900	4.8
900-1200	3.2
1200-1400	1.7
1400-2400	0
≥2400	Blowdown

- ✓ Prevents corrosion
- ✓ Prevents scale built-up
- ✓ Neutralizes corrosive acids
- ✓ Compatible with antifreeze (glycol) and other cooling water additives.
- ✓ Easy to apply
- ✓ Easy to adjust dosage using a simple test kit
- ✓ Low toxicity

PROBLEMS SOLVED

- ✓ Corrosion
- ✓ Cooling water systems performance

APPLICATION AREAS

- ✓ Cooling systems
- ✓ Diesel & petrol engines
- ✓ Auxiliary machinery

PRODUCT CODE: WT 300