



Marine Catalyst

For Distillate Fuel

Technical Data Sheet

Recommended uses

- ◆ **Usage ratio**
- ◆ Use at the ratio of 1 gallon to every 3,000 gallons of fuel.
- ◆ **Warm Climate**
- ◆ Apply the correct ratio of [Technol Marine Catalyst](#) directly into the tank before refueling to insure faster mixing and distribution.
- ◆ **Cold Climate**
- ◆ Apply proactively, pour the correct ratios of [Technol Marine Catalyst](#) and [Technol 050 Cold Flow Improver](#) directly into the tank before refueling to insure faster mixing and distribution.

Physical & Chemical Properties

Appearance: Brown Liquid
Viscosity: 2.4 cSt @ 40°C / 104°F
Flash Point: 56°C (126°F) Closed Cup.
Spec. Gr.: 0.91 g/cm³

Rust and Corrosion Inhibitors

The main metals that corrode within heating systems are Steel and Copper, so two different types of corrosion tests were performed. A modified ASTM D665 (MIL-I-25017) rust test, which resulted in no rust.

The ASTM D-130 Copper Strip Corrosion Test, which resulted in as much as two third (2/3) less corrosion when compared to the

base fuel alone.

Improves Fuel Combustion & Efficiency

Iron, the main combustion improving component, provides for higher burning rates and temperatures to be achieved for a more complete fuel burn, producing less soot and cleaner emissions. This allows less fuel to be used to produce the same amount of heat when compared to unconditioned fuel.

[Technol Marine Catalyst](#) enables a fuel of poor quality to burn as a premium fuel.

Sludge Vs. Fuel Stabilization

Fuel starts to degrade soon after it is produced and sludge forms as fuel degrades. From the refineries to the oil dealer and ultimately to your tank, fuel oil is stored, aged, degrades causing sludge and lowering the fuels heat value.

Summer heat and stagnant storage conditions speed up fuel degradation. Before you get a change to burn any oil, it has aged and degrade.

Using [Technol Marine Catalyst](#) with every refueling will clean the fuel system, improve the fuels heat value and stabilize the fuel, keeping the fuel fresh and ready for use. Year round fuel stabilizing is key to a clean and powerful fuel and fuel system.