



Technol® STR-2+® Fuel Oil Conditioner

Technical Data Sheet

Recommended seasonal uses

Winter Use

- Apply proactively, pour Technol STR-2+ directly into the tank before the onset of cold weather and then refuel the tank to insure faster mixing and distribution.
- If the amount of fuel needed is not known, apply after the refueling gallons are known. Technol STR-2+ can be applied after a fuel delivery but mixing will not be as fast.
- It is best applied before refueling to insure faster mixing and distribution.

To stabilize fuel during summer storage.

When spring arrives, double dose the entire fuel tank capacity then top off the tank.

Usage ratios

Initial use apply at the ratio of 16ozs. to every 275 gallons of fuel,
or
One gallon to every 2,000 gallons of fuel.

Maintenance, apply at the ratio of 8ozs. to every 275 gallons of fuel,
or
One gallon to every 4,000 gallons of fuel.

PHYSICAL & CHEMICAL PROPERTIES

Material is: Liquid
Appearance: Blue Color
Flash point: 126° F Closed Cup
Specific gravity@25°C (77°F): 0.91

Sludge Vs. Fuel Stabilization

Fuel starts to degrade very soon after it's 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, and causes sludge.

Before you get a chance to burn the oil, it gets a chance to sit around, age and degrade causing sludge. Summer heat and stagnant storage speed up fuel degradation. This is why being proactive by stabilizing every refueling is so important in preventing sludge. Year round fuel stabilizing is key to a clean fuel system.

Technol STR-2+ will stabilize your fuel while sludge detergents and dispersants breakup any sludge already within your tank. One uncontrollable factor is that you were delivered a "sludgy" load of fuel, which is an instant problem. In that case, Technol 246 Super Sludge Dispersant is recommended. For summer storage stabilization, double dose the entire tank capacity and top off the tank.

Combats water buildup and algae

If you do not top off the tank in the spring, hot summer days and cool nights cause condensation to form within the "open air space" above the fuel. As water builds up, rust and corrosion start to damage the tank from the inside out. This "free water" collects and algae is another problem that often occurs.

Technol STR-2+ allows water and oil to mix. This water/oil "emulsion" is removed as the boiler calls for fuel to provide heat. It is burnt and sent up the stack as steam. When the water is gone, the environment required for biological life is also gone.

