

mitco_{MFG.} STR-2+[®] FUEL OIL CONDITIONER

If you're using an additive in your fuel oil, here are 16 reasons why you should be using SID HARVEY'S STR-2+[®]

CONDITION		Sid Harvey's STR-2+	FUELON	CS Scientific PMT	E Zoil H.O.T. SHOT	Hercules POWER FLOW	Beckett ULTRAGUARD	FPPF HOT 4-IN-1	Comstar SUPER HEAT	Utility LIQUID HEAT	Fairfield FUEL RIGHT
1	Treatment Ratio per Gallon	1 : 4000	1 : 3200	1 : 3000	1 : 2200	1 : 15000	1 : 2200	1 : 2200	1 : 4400	1 : 1000	1 : 4400
2	Emulsifies Water Allows water and oil to mix, as the fuel leaves the tank to be filtered and burned. Excess water not absorbed by the fuel forms a free water layer on the tank bottom that can easily be pumped and removed.	✓			✓						
3	Stabilizes Fuel Prevents sludge formation.	✓	✓	✓			✓	Limited			
4	Stabilizes Combustion As large water droplets are emulsified and removed, the rate of fuel atomization and burn becomes more consistent for a more complete burn. Also eliminates flame fluctuation.	✓									
5	Prevents Ice Formation	✓				✓					✓
6	Ratio provides cold flow gelling protection	✓	DU	No - SP	No - HD	✓	No - HD	✓	No - HD	✓	✓
7	Depresses Fuel Pour Point Beyond the original pour point of the fuel	✓			✓			✓	✓		
8	Prevents Corrosion in the Free Water Level	✓				✓				✓	✓
9	Inhibits Corrosion Other than in the Free Water Level	✓		✓	✓		✓	✓			✓
10	Reduces Fuel Consumption	✓	✓	✓	✓	✓		✓			
11	Disperses Sludge in Tanks and Fuel Lines	✓		✓	✓	✓	✓	✓	✓	✓	✓
12	Disperses Water	✓		✓		✓		✓	✓	✓	
13	Reduces Soot Emissions	✓	✓	✓	✓	✓		✓	✓	✓	
14	Reduces Maintenance and Downtime	✓		✓	✓	✓	✓	✓	✓	✓	
15	Eliminates Hard Carbon Buildup	✓								✓	
16	Biological Control	✓	✓		✓	✓			✓		

When used year round, Sid Harvey's STR-2+[®] is a maintenance conditioner that will greatly reduce, if not eliminate, the 16 conditions listed above while ensuring clean, fresh stabilized fuel. This chart is based on public information gathered 10/06 and is subject to change without notice. This chart is for product comparison only.

DU = Data unavailable HD = Heavy dose required SP = Secondary product required.
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STR-2+[®]

Fuel Oil Conditioner

for Home Heating Oil and Biofuel Blends up to B20



STR-2+[®] is engineered to combat the major fuel oil problems common in both the summer and winter seasons.

Sid Harvey's STR-2+[®] is the most cost effective maintenance conditioner that you can use to keep fuel and fuel systems running at peak efficiency.

STABILIZES FUEL

Sludge is formed as fuel degrades, breaks down and builds up, more so over the summer months. Over time the sludge builds up so much that you don't realize that you have a problem until your filter clogs. Use STR-2+[®] to keep fuel stabilized throughout the year and to inhibit sludge build-up from forming.

DISPERSEES SLUDGE

STR-2+[®] breaks up and dissolves fuel sediment sludge into particles small enough to harmlessly pass through most filters and injectors, cleaning the entire fuel systems. This enables the fuel systems to operating at peak efficiency and leads to increased fuel economy.

PREVENTS GELLING

STR-2+[®] lowers fuel pour point by up to 25°F. Cold flow improvers modify wax crystals that form at temperatures below the cloud point, keeping them from forming an impervious mass of gelled fuel that could block flowing fuel.

PREVENTS ICE FORMATION

STR-2+[®] keeps any free water within in the tank or any water absorbed by the fuel from freezing.

EMULSIFIES WATER

Water is not only inherent in fuel oil, but it can be introduced at any point between the refinery and delivery. STR-2+[®] enables water and fuel to mix and emulsify with the fuel. This emulsification prevents algae growth and corrosion.

IMPROVES FUEL COMBUSTION AND EFFICIENCY

Combustion improvers in STR-2+[®] ignite fuel faster for a more complete burn. This results in increased BTU output, by as much as 5%, using the same amount of fuel. Carbon, soot build-up and emissions are reduced for even more efficiency.