



# FUEL CONDITIONER AND HEATING OIL ADDITIVE

THE MOST EFFECTIVE  
B100 COMPATIBLE  
FUEL CONDITIONER  
ON THE MARKET



*State regulators are mandating higher percentages of renewable fuels in our heating oil. These fuels are less stable and prone to harmful degradation that can lower the reliability of heating oil systems. As a result, many fuel marketers need an additive that can handle the new, tougher demands placed on heating oil.*

To meet this problem head on, Sid Harvey's has extensively researched existing bio-fuel blends and additive technology. The result is a state-of-the-art, multi-functional additive that can improve the performance of #2 fuel oil and high percentage bio-fuel blends. **Sid Harvey's Fuel Conditioner (SHFC)** can provide the following benefits to users:

- ✔ Lower the maintenance costs of heating oil burners by improving bio-fuel stability.
- ✔ Lower the incidence of no-heat service calls.
- ✔ Disperse sludge that can plug filters and nozzles.
- ✔ Remove harmful water from the fuel system and lessen the chance of microbial contamination.
- ✔ Help prevent harmful corrosion that can cause leaky tanks and fittings.
- ✔ **SHFC** can even improve fuel stability in 100% bio-fuel blends!

#### **State-of-the-Art Sludge Dispersant**

Our sludge dispersant can clean fuel systems by removing and dispersing existing sludge. This allows particulates that form to pass harmlessly through nozzles, screens and filters for increased performance and burner efficiency.

#### **Antioxidant and Stabilizer**

Contains antioxidants to prevent harmful peroxides that are known to form in bio-fuels. Increased peroxides can cause rapid degradation of bio-blended fuel.

#### **Corrosion Inhibitor**

Protects tanks, and fittings from harmful rust and corrosion.

#### **Water Dispersant**

Reduces the chance for microbial growth and corrosion to occur. Water is gradually removed from the system so it doesn't harm fuel nozzles and pumps.

#### **Pour Point Depressant**

Allows the use of petroleum based oils at lower temperatures.

#### **Tested and Researched**

How do we know our fuel conditioner works? **We tested it.** Our quality assurance lab sampled modern fuel blends up to B100 and made sure our product works as expected. We pass this information on to our marketing representatives so that they can keep you posted.

#### **Field Support**

You're not alone when you use **SHFC**. Our knowledgeable technical representatives are available to help with any questions you have. **SHFC** is a complete program: Quality additives that perform, quality assurance testing throughout. Field representatives dedicated to making sure your company has the support you want.

**Remember, SHFC benefits your company by decreasing no heat calls, increasing burner efficiency and lowering maintenance!**

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WWW.SIDHARVEY.COM**



# SID HARVEY'S FUEL CONDITIONER AND HEATING OIL ADDITIVE

If you're using an additive in your fuel oil, there are 17 reasons why you should be using (SHFC) Sid Harvey's B100 compatible fuel conditioner instead.

Condition	Sid Harvey's F2-17AO	FUELON	CS Scientific, Park Hill PMT	E Zoil H.O.T. SHOT	Hercules POWER FLOW	Beckett ULTRAGUARD	FPPF HOT 4 in 1	Comstar SUPER HEAT	Utility Chemicals LIQUID HEAT	Farfield Products FUEL RIGHT	AFS HEATDOC
Treatment Ratio Per Gallon	1: 4000	1: 3200	1: 3000	1: 2200	1: 15,000	1: 2200	1: 4400	1: 1000	1: 4000	1: 4400	1: 20,000
1 <b>Emulsifies Water:</b> Allows water and fuel to mix, as the fuel leaves the tank to be filtered and burnt so does the water. Excess water that the fuel can't absorb forms a free water layer on the tank bottom for easy removal by pumps.	✓			✓							
2 <b>Stabilizes the Fuel:</b> Prevents sludge formation, improving fuel filterability.	✓	✓	✓			✓	✓				✓
3 <b>Stabilizes Combustion:</b> Once large water droplets are emulsified and removed, the rate at which the fuel atomizes and burns becomes more consistent for a more complete burn. This also eliminates flame fluctuation.	✓										
4 <b>Antioxidant Prevents Bio-fuel Deterioration / Loss of Stability</b>	✓										✓
5 <b>Prevents Icing</b>	✓				✓					✓	
6 <b>Ratio is Good to Provide Cold Flow Gelling Protection</b>	✓		*Treat with secondary product	**Uptreat Only	✓	**Uptreat Only	**Uptreat Only	**Uptreat Only	✓	✓	
7 <b>Depresses Fuel Pour Point</b> (beyond the fuel's original pour point)	✓			✓			✓	✓			
8 <b>Prevent Corrosion</b> (other than in the free water layer)	✓				✓				✓	✓	
9 <b>Inhibits Corrosion</b> (other than in the free water layer)	✓		✓	✓		✓				✓	✓
10 <b>Reduces Fuel Consumption</b>	✓	✓	✓	✓	✓		✓				
11 <b>Disperses Fuel System Sludge</b> (tank and fuel lines)	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
12 <b>Disperses Water</b>	✓		✓		✓		✓	✓	✓		
13 <b>Reduces Soot Emissions</b>	✓	✓	✓	✓	✓		✓	✓	✓		
14 <b>Reduces Maintenance and Downtime</b>	✓		✓	✓	✓	✓	✓	✓	✓		
15 <b>Eliminates Hard Carbon Build-Up</b>	✓								✓		
16 <b>Biological Control</b>	✓	✓		✓	✓			✓			
17 <b>Stabilizes All Bio-fuel Blends up to B100</b>	✓										✓

\*Product does not have winter protection. Must purchase secondary product for this benefit. \*\*Product requires an uptreat for matching performance.