



What's The Best Solution For My Stored Fuel Problems? The Bell FTS Quick Reference Chart



Use this Bell FTS Quick Reference Chart to determine which chemical treatment is the best solution for your stored fuel needs. Start with what kind of problem you need to solve or what you need to do with the fuel. You'll see the recommendation(s) for the best Bell FTS chemical solution, along with helpful information on what it does, how much you need to use, and how to use it to get the best result possible, where you need them.

Bell FTS provides the best solutions for the stored fuel needs of all mission-critical services, including:



Data Centers, Tele-Com & Other Mission Critical Services



Government & Municipal Services



Fleets & Non-Retail Fuel Users



Fuel Distributors






Hospitals & Health Care



Fuel Polishers & Service Companies

Fuel circulation after product application is recommended, to ensure best mixing and best results. In cases where fuel circulation is not practical, add product(s) just prior to fuel dump.

What Do You Need To Do?	Ideal FTS Product	Use In What Fuel Type(s)?	Primary Function	Additional Function(s)	Treat Rate How Often To Use	What else do you need to know for best results?
Solve a microbial problem	You need BIOCIDES – Bellicide 	Diesel, biodiesel, heating oil	Kill microbes in fuels and storage tanks	Protect fuel quality in storage and prevent corrosion (through elimination of active microbial activity)	1:5000 (shock dose) Apply as needed or quarterly (with monitoring)	Wait at least 8 hours before using fuel. Microbial monitoring is recommended.
Clean out tank sludge	You need SLUDGE DISPERSANT - Tank Treatment SDF 	Diesel, biodiesel, gasoline, heating oil	Breaks up, absorbs and cleans petroleum tank sludge	Disperses microbial biomass; protects tank surfaces from corrosion	1:10000 Apply with each addition of new fuel	Also recommended to use with Bellicide for increased biocide efficacy.
Eliminate excess water from storage tank	You need WATER ABSORBER – DFS Plus 	Diesel, biodiesel, heating oil	Dissolves free water into fuel	Can help prevent microbial growth by eliminating free water	1:5000 (maintenance dosage) Apply as needed	Remove excessive amounts of free water in tank prior to use. For severe or emergency water management, add 1 gallon DFS Plus to 1-2 gallons of free water.

Get rid of emulsified water by dropping it out of fuel	You need DEMULSIFIER – Demulsifier EB or Dee-Zol Tank EB		Diesel, biodiesel, non-ethanol gasoline (except Dee-Zol Tank EB)	Resolves fuel-water emulsions to allow emulsified water to separate from fuel	Dee-Zol Tank EB also provides detergency, increases fuel cetane rating, stabilizes fuel	DEMULSIFIER EB: 50 ppm (1:20000) DEE-ZOL TANK EB: 500 ppm (1:2000) Apply as needed	Demulsifier EB is 100% demulsifier. Add product and circulate the fuel moderately for 15-30 minutes. Allow time for the emulsion to break and separate as free water. Remove free water from your storage tank.
Prevent corrosion in my storage tank	You need CORROSION INHIBITOR – Tank Treatment SDF		Diesel, biodiesel, heating oil	Protects tank surfaces from corrosion	Also breaks up microbial biomass and reduces petroleum sludge	1:10000 Apply with each addition of new fuel	Also improves biocide efficacy by dispersing microbial biomass. In addition, add Bellicide to kill microbes as needed, to help minimize microbe-induced corrosion (MIC).
Make sure stored fuel stays stable in storage	You need FUEL STABILIZER – Dee-Zol Life		Diesel, biodiesel, heating oil	Stabilizes stored fuel and extends usable storage life		1:2000 Apply with each addition of new fuel	Add to fuel as early in its storage life as possible for maximum effect.
Stop filter plugging	You need several solutions – Tank Treatment SDF & Bellicide		Diesel, biodiesel, gasoline	Works synergistically to reduce petroleum sludge, disperse biomass, and kill microbes.	Eliminate microbial growth. Protect tanks against corrosion	1:10000 (SDF) 1:5000 (Bellicide) BELLICIDE: Apply as needed TANK TREATMENT SDF: for SDF, apply with each addition of new fuel	Use Bellicide with Tank Treatment SDF to kill microbes in fuel and biomass that plug filters. Add both products to the fuel together.
Improve fuel quality without water control	You need a MULTIFUNCTION DIESEL TREATMENT- Dee-Zol Tank Formula		Diesel, biodiesel, heating oil	Restores detergency, improves cetane rating, stabilizes fuel	Does not disperse or emulsify water	1:2000 Apply with each addition of new fuel	
Solve ethanol problems	You need ETHANOL TREATMENT – Ethanol Defense		Ethanol gasoline, non-ethanol gasoline	Increases detergency, improves ethanol water tolerance	Reduces ethanol phase separation	1:1280 Apply with each addition of new fuel	
Reduce black smoke, Improve engine operation	You need CETANE IMPROVER - Super-Tane		Diesel, biodiesel, heating oil	Increases power, reduces black smoke	Quieter, smoother diesel engine operation	1:1000 Apply with each addition of new fuel	Treat rate is variable depending on desired level of cetane improvement.