



HOW TO MAINTAIN HEALTHY DIESEL FUEL

WHY?

- Untreated fuel leads to significant problems in storage tanks including separation, tank corrosion, oxidation, sludge, microbial growth and sediment
- Impact is clogged fuel filters, expensive clean out costs, leaking tanks, premature tank replacement, unhappy customers
- These issues can be very difficult to detect and require routine testing and tank maintenance
- The Penray Fuel Doctor plan ensures your fuel and storage tanks are at optimum health

WHEN?

Penray recommends year-round maintenance

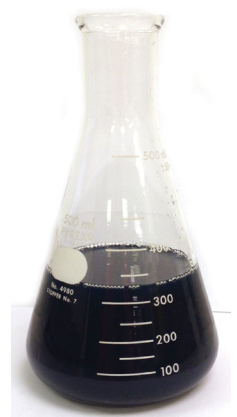
- Spring: test for microbial activity
- Fall: test for cold weather properties and microbiological activity

Typical warning signs of fuel issues include:

- Slow flow rate, clogged filters, sulfurous odor, slime coating on metal parts or blistered hoses
- Any of these symptoms require immediate attention

HOW?

- Contact your regional Fuel Doctor or call Penray at Ph. 800.323.6329 x5000
- Schedule a fuel check-up
- Penray Fuel Dr. will visit your site to collect samples for analysis
- Results will be available within 10 days
- Your Penray Fuel Dr. will discuss the results, recommend treatment and ensure your fuel is healthy



Penray Fuel Doctor Plan for Healthy Diesel Fuel!



PENRAY FUEL PREP™ BIOCIDES:

Penray Fuel Prep™ Biocide quickly stops microbial activity in the tank before the fuel works its way into a vehicle, ensuring that the engine runs smoothly and the entire system is protected from any side effects of microbial activity.

Features and Benefits:

- Fast acting single dose biocide
- Stops 90% of microbial activity in as little as 6 hours
- Protects the entire fuel system from corrosion caused by microbial growth
- Helps prevent fuel filter plugging to reduce maintenance costs & prevent downtime
- Effective in all diesel fuels, including ULSD and Biodiesel

Part#	Size	Qty/Case	Container	Treat Rate
100216	1 Pint	12	Bottle	1,250 Gallons
100201	1 Gallon	4	Bottle	10,000 Gallons



PENRAY FUEL PREP™ YEAR-ROUND CONCENTRATED DIESEL FUEL CONDITIONER:

Penray Fuel Prep™ Year-Round Concentrated Diesel Fuel Conditioner helps maintain healthy fuel after treatment with Penray Fuel Prep™ Biocide.

Features and Benefits:

- Helps separate water from fuel reducing conditions for microbial growth
- Cleans dirty injectors helping improve fuel mileage
- Enhances fuel lubricity reducing premature failure of injectors and pumps
- Improves fuel stability reducing filter plugging
- Facilitates a cleaner engine extending diesel particulate regeneration cycles

Part#	Size	Qty/Case	Container	Treat Rate
201201	1 Gallon	4	Jug	12,500 Gallons
201205	5 Gallons	1	Pail	62,500 Gallons

