

LTSA-430 Fuel Stabilizer

Description:

Long Term Storage Additive (LTSA) LTSA-430 is a multifunctional diesel fuel stabilizer additive package designed to handle today's fuels¹ to address intermediate (6-24 months) or long-term (25-60 months) storage. LTSA-430 is a synergistic combination of a stabilizer, metal deactivator, and a corrosion inhibitor. LTSA-430 retards fuel stability problems such as rapid fuel blackening and sludge formation.

Application:

Fuel Stabilizer

Physical Properties:

Appearance	Dark Red
Form	Liquid
Odor	Aromatic
Specific Gravity, 60/60°F (15.6/15.6°C)	0.907
Viscosity, cSt @ 100 °F (37.8 °C)	4
0 °F (-17.8 °C)	9
-20 °F (-28.9 °C)	12
Density, lb/gal, 60F (15.6°C)	7.57
Flash Point, PMCC, °F (°C)	125.6 (52)
Boiling Point	159-170 °C
Pour Point:	< - 40 °F (< - 40 °C)
Sulfur, ppm	<15

Recommended Use:

LTSA-430 stabilizer additive is one part of a two part package that includes FQS 1.5 Microbicide[®]. LTSA-430 is intended to be added to diesel fuel to protect it from deterioration and the formation of gums, sludge, particulates, auto-oxidation, and provide for corrosion protection of fuel wetted surfaces.

This product is formulated to facilitate the intermediate and long-term storage stability of diesel fuel that is maintained in storage tanks for use during an emergency to provide energy to power emergency diesel generators. The intended periods range from 6-24 months for intermediate storage or 25-60 months for periods of long-term storage concurrent with an appropriate surveillance program.

1. Diesel fuel, heating oil, biodiesel (B100) and biodiesel blends.



Treated
Fuel

Untreated
Fuel



Fuel Quality Services

Fuel Quality Services

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*40CFR80.591
Compliance
Statement: The
sulfur content
of this diesel
fuel additive
does not exceed
the federal 15
ppm sulfur
standard.*

Recommended Treatment Guidelines: 50 – 500 ppm (v/v)

Registered EPA Maximum Treat Rate: 524 mg/L in Diesel

Recommended System Treatment Guidelines

ULSD & B5	1 gal. LTSA-430 to 10,000 gals Fuel - 100 ppm (v/v)
B6-B19	1 gal. LTSA-430 to 10,000 gals Fuel - 100 ppm (v/v)
B20 – B50	2 gal. LTSA-430 to 10,000 gals Fuel - 200 ppm (v/v)
B50-B100	Contact FQS Technical Support.

Handling and Storage:

Observe normal precautions for the handling and storage of industrial chemicals. For more information refer to LTSA-430 Safety Data Sheet (SDS).

For additional information, please contact Fuel Quality Services.



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