No. 2 Diesel Fuel B6-B20

Description

No. 2 Diesel Fuel B6-B20 meets ASTM D7467 and ASTM D6751. This fuel blend, also known as a biodiesel blend, has been in use for the last century, but has really taken off since the 1970's. When the diesel engine was originally invented, the inventor's idea was to power the engine with oil from vegetables. However, after the petroleum market took off, biodiesel use dropped off. After World War 2 and the gas crisis in the 70's, biodiesel came back to the spotlight.

According to the EPA, all diesel powered vehicles are able to use biodiesel blends up to B20 without any special modifications to its engine or components.

Features and Benefits

Biodiesel blends up to B20 are popular in the transportation sector because of the emission and fuel economy benefits. B6-B20 offers very similar power and fuel economy to straight diesel fuel. When using B20 fuel, emissions are reduced by 20% compared to straight diesel.

Mixing biodiesel with our No. 2 fuel allows for:

- Controlled viscosity to provide good pump lubrication.
- Balanced volatility for easy starts and maximum power.
- Ultra-low-sulfur content to further reduce harmful emissions.

Typical Properties

Specific Gravity (water = 1)	0.81 – 0.88 @ 60°F (15.6°C)
Viscosity, cSt @ 40°C	3.0
Cloud Point, °F (August/March)	5
Pour Point, °F (August/March)	< -15
Ultra-Low Sulfur, % sulfur	< 15 ppm
Lubricity, HFFR @ 60°C, microns	≤ 520
Cetane	40 minimum
Flash Point, °F	> 125
Physical State	Liquid
Color	Pale yellow or dyed red

No. 1 Diesel fuel B6-B20 can be used as a burner fuel or diesel fuel in all high speed diesel engine applications requiring high cetane and excellent flow properties. This biodiesel blend can be used in on-road or off-road applications where reduced emissions are desired.

Storage and Handling

Wear protective clothing, gloves, and eye wear when handling this product. It may vaporize at ambient temperature; vapors should not be breathed in. No. 2 Diesel Blend B6-B20 is combustible and should be kept away from ignition sources. Fuel should be stored in a cool, dry, well-ventilated area away from heat and direct sunlight.

Shelf Life

24 Months