

No. 1 Diesel Fuel B6-B20

Description

No. 1 Diesel Fuel is commonly used as burner oil and sometimes as a fuel. One of the most common uses for No. 1 diesel fuel was to mix with #2 diesel fuel to improve its cold flow properties in extreme cold temperatures.

Features and Benefits

As has been mentioned, No. 1 fuel is not used very much by itself as a fuel. More commonly, No. 1 fuel is mixed in with No. 2 diesel to improve its cold flow properties. Cold flow additives can also accomplish this task. No. 1 Diesel has some different properties than No. 2 diesel, namely:

- Low cloud point to eliminate filter waxing
- Low pour point for low-temperature flow
- High cetane for easy starts in diesel engines

Blending this diesel fuel with biodiesel greatly reduces its emissions profile while keeping close to the same level of power as the non-blended version. This fuel can be used in any diesel engine without modification of the engine or its components.

Typical Properties

Specific Gravity (water = 1)	0.75 – 0.84 @ 60°F (15.6°C)
Viscosity, cSt @ 40°C	1.3 - 2.4
Cloud Point, °F (August/March)	< -25
Pour Point, °F (August March)	< -22
Ultra-low sulfur, % sulfur	< 15 ppm
Lubricity, HFFR @ 60°C, microns	≤ 520
Cetane	40 minimum
Flash Point, °F	> 100
Physical State	Liquid
Color	Pale yellow or dyed red

Recommended Usage

No. 1 Diesel Fuel B6-B20 is recommended for use as burner fuel or diesel fuel in all applications requiring high cetane, excellent flow properties, and reduced emissions. As a fuel, No. 1 Diesel Fuel B6-B20 can be used in on-road and off-road applications.

Storage and Handling

When handling this product, always wear protective gloves, clothing, and eye/face protection. Do not breathe in vapors or siphon by mouth, as this can be fatal. The fuel is combustible, so keep away from ignition sources. Store in a sealed container in a cool, dry, well-ventilated area.

Shelf Life

24 Months