

No. 2 Diesel Fuel

Description

Diesel fuel is a distillate fuel used in engines of the same name. Diesel fuel is one of the main products that comes out of a barrel of crude oil, on average 12-13 of the 42 gallons in a barrel are diesel fuel. Diesel fuel is used in most freight trucks, trains, buses, commercial boats, and farm and construction equipment. Diesel's two most common uses are for on-road fuel and heating oil.

Diesel fuel plays an important role in our economy, as most of the freight traveling across our country and transported via boat to other countries does so in diesel powered vehicles. A 2014 study found that diesel fuel accounted for approximately 20% of the total US petroleum consumption.

Features and Benefits

No. 2 Diesel Fuel is formulated for maximum power output in high speed diesel engines. High speed diesel engines can be used and found in on-road and off-road equipment, marine vehicles, construction equipment and more.

Our diesel is specially formulated for:

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

Typical Properties

Specific Gravity (water = 1) @ 60°F (15.6°C)	0.81 – 0.88
Viscosity, cSt @ 40°C	3.0
Cloud Point, °F	5
Pour Point, °F	< -15
Ultra-Low Sulfur, % sulfur	< 15 ppm
Lubricity, HFFR @ 60°C, microns	≤ 520
Cetane	40 minimum
Flash Point, °F	> 125
Solubility in water	Negligible
Auto-ignition temperature, °F	500°F/260°C
Physical State	Liquid
Color	Pale yellow or dyed red

Recommended Usage

No. 2 Diesel Fuel is recommended for use in high-speed diesel engines and heating applications requiring a #2 burner fuel oil.

Storage and Handling

Wear proper protective gear and avoid personal contact with No. 2 Diesel Fuel. Fuel is flammable and combustible so keep away from ignition sources. Store containers tightly sealed in a dry, cool, well-ventilated area. Do not breathe in vapor.

Shelf Life

24 Months