

GROWMARK Biodiesel (B100/B99.9)

Description

Biodiesel is a renewable fuel that can be used in its pure form or mixed with diesel fuel at any inclusion rate. Biodiesel offers significant environmental, regulatory, and safety benefits as compared to traditional diesel fuel. In pure form or blended, biodiesel is registered with the EPA as a legal fuel for commerce that is used for reduced emissions with similar power compared to regular diesel fuel. GROWMARK has strict quality assurance specification for biodiesel. We ensure that our fuel meets or exceeds the standard specifications for biodiesel, ASTM D6751.

Features and Benefits

- Provides similar performance to conventional diesel fuel
- Has the highest BTU content of any alternative fuel
- Safest fuel to handle and store
- Excellent lubricity qualities
- Biodegradable and nontoxic
- Ultra-low sulfur content
- Tier 1 and Tier 2 testing completed
- Decreases EPA targeted emissions
 - 47% reduction in particulate matter
 - 48% reduction in carbon monoxide
 - 67% reduction in hydrocarbons
 - 78% reduction in carbon dioxide
 - 100% decrease in sulfur dioxide (B100)
- Higher cetane than conventional diesel fuel

Typical Properties

Physical State	Liquid
Color	Clear, pale yellow
Flash Point, °F	> 200
Methanol Content Max., vol%	0.2
Water & Sediment, ppm	< 250
Viscosity @ 40°C	1.9-6
Sulfated Ash Max., Mass %	0.02
Sulfur, ppm Max	< 15 ppm
Cetane, min	47
Cloud Point, Max °F	
Jan., Feb., Mar., Apr., Nov., Dec.	36
May-Oct.	56
Pour Point, °F	< 55.4

Recommended Usage

Biodiesel is intended for use in any high compression diesel engine where reduced emissions are desired. Blends B20 or lower do not require special engine modification. When blending biodiesel, users will experience decreased cold flow properties. B100 will gel faster than conventional diesel, so mixing #1 fuel or adding a cold flow improver may be necessary.

Storage and Handling

Handling procedures for conventional diesel can be followed for biodiesel, such as use applicable protective equipment. Store in a clean, dry, cool, dark, and well-ventilated area. In extreme cold, pure biodiesel should be stored underground or in heated storage.

Shelf Life

24 Months