

BIO POWER GASOIL B20 - Grade 2

Clean Power for Sustainable Agriculture



BIOPOWER- GASOIL B20 is an innovative biofuel designed for agricultural machinery and diesel vehicles, both light and heavy-duty. It is formulated from vegetable oils and residues, combining 80% alkylic hydrocarbons with 20% methyl esters of long-chain fatty acids. This composition ensures optimal performance with minimal environmental impact.

Features and Benefits:

Optimal Performance: Provides the necessary power to operate machinery and vehicles without compromising performance.

Sustainability: Reduces environmental impact by being a non-polluting biofuel.

Regulatory Compliance: Adheres to the most stringent energy regulations, including Resolution 1283/06 and 478/09 from the Energy Secretariat.

International Certification:

Compliance with RED standards and international ISCC certification

DESCRIPTION & SPECIFICATIONS:

Composition: Alkylic Hydrocarbons: 80% Methyl Esters of Long-Chain Fatty Acids: 20%

Applications: Suitable for both light and heavy-duty diesel engines, ideal for the agricultural sector and any application requiring diesel combustion.

Environmental Commitment: The combination

Compliance with
RED standards and
ISCC certification



of its components ensures efficient and responsible operation, minimizing environmental impact while maximizing power.

This product represents a sustainable solution for those looking to operate efficiently and in an environmentally responsible manner.

PROPERTY	UNIT	LIMIT	VALUE	METHOD
Density at 15 °C	g/cm ³	Range	0.810 to 0.870	ASTM D-4052
Kinematic Viscosity at 40 °C	cSt	Range	2.0 to 4.5	ASTM D-445
Flash Point	°C	Minimum	45	ASTM D-93
Water Content	% v/v	Maximum	0.03	ASTM D-6304
Corrosion on Copper Strip	Class	Maximum	1	ASTM D-130
Sulfur	ppm w	Maximum	400	ASTM D-5453
Cetane Index	N°	Minimum	46	ASTM D-976
Oxidation Stability	mg/100 ml	Maximum	2.5	ASTM D-2274
Acidity	mg KOH/g	Maximum	0.5	ASTM D-664
Distillation	°C			ASTM D-86
10% recovered		Maximum	245	
50% recovered		Maximum	310	
85% recovered		Maximum	360	
FAME Content	% v/v	Maximum	20	EN 14078

MONTH	Cold Filter Plugging Point	Cloud Point
JANUARY	7	18
FEBRUARY	3	14
MARCH	0	11
APRIL	0	11
MAY	-3	8
JUNE	-5	6
JULY	-5	6
AUGUST	-3	8
SEPTEMBER	0	11
OCTOBER	3	14
NOVEMBER	7	18
DECEMBER	10	21

STORAGE AND HANDLING

The product can be stored in carbon steel, aluminum, or stainless steel tanks. The tank must be CLEAN AND DRY. To ensure proper fluidity, it is recommended not to store the product at temperatures below 0°C. Water should be kept out of the storage tanks to minimize the risk of contamination and product deterioration.

