BIO POWER
GASOIL B20 - *Grade 3*

Clean Power for
Sustainable Agriculture

BIO POWER

The first non-polluting biofuel, specifically developed for agricultural machinery and diesel vehicles, both light and heavy-duty.

Made from vegetable oils and waste, it combines 80% alkyl hydrocarbons with 20% long-chain fatty acid methyl esters, **offering optimal performance and a minimal environmental footprint.**

Complying with the most demanding energy standards, it is the sustainable solution for efficient and responsible operation, reducing environmental impact without compromising power.

Compliance with RED standards and international ISCC certification

INFORMATION & SPECIFICATIONS

Composition: 80% Alkyl Hydrocarbon Blend; 20% Long-Chain Fatty Acid Methyl Ester Blend.

Compliance with RED standards and ISCC certification

ISCC

Product Description: Fuel aimed at light or heavy-duty diesel engines. This product complies with resolutions 1283/06 and 478/09 from the Energy Secretariat.

PROPERTY	UNIT	LIMIT	VALUE	METHOD
Density at 15 °C	g/cm³	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	8	ASTM D-5453
Cetane Index	Number	Minimum	48	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 CARE:

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