

BIO POWER GASOIL B20 - Grade 3

Low-Carbon Fuel for the Transportation of the Future



Developed from vegetable oils and waste, Biopower G20-Grade 3 is a low-emission fuel specifically designed to reduce the environmental impact of **urban transport, and cargo** contributing to the creation of cleaner and more sustainable cities.

It promotes a significant improvement in air quality and a reduction in the carbon footprint, aligning its vision with global sustainability and environmental protection goals.

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



Product Description: Fuel intended for 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/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	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 HANDLING:

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

