GAS OIL 10-S

TESTS	*SPECIFICATIONS* *Min.*	*Max.*	*REFERENCE METHOD*
Aspect		Clear without impurities	Visual
Color		2,0	ASTM D 1500
Density at 15°C, kg/m^3	820	860	ASTM D 4052
Flash Point PM, ºC	45		ASTM D 93
Destilation: 90% Recovered, ºC		360	ASTM D 86
Kinematic Viscosity at 40°C, cSt or	2	4,7	ASTM D 445
Viscosity Saybolt Universal at 37,8ºC, s	34	42	ASTM D 88
Cetane Number (1)	50,0		ASTM D 613
Oxidation Stability, g/m^3		25	ASTM D 2274
Corrosiveness to Copper Strip (3 hours at 50ºC)		1	ASTM D 130
Water and Sediments, volume %		0.05	ASTM D 2709
Water, mg/kg		200	ASTM D 6304
Total Sulfur, ppm		10	ASTM D 2622 o ASTM D 5453
Conradson Carbon Residue, in 10% of destilation residue, % mass		0,15	ASTM D 189 o ASTM D 4530
Ash content, % mass		0,005	ASTM D 482
Cold filter Plugging Point April and August, °C		-1	ASTM D 6371
Cold filter Plugging Point from May to July, °C		-3	ASTM D 6371
Cold filter Plugging Point September and October, °C		0	ASTM D 6371
Pour Point, ºC		-5	ASTM D 97
Particulate Contamination, g/m3		20,6	ASTM D 6217
Acid Number, mg KOH/g		Report	ASTM D 664
Lubricity at 60°C, micron		460	ASTM D 6079
Oxidation Stability, hours (2)	20		EN 15751
Biodiesel (UNIT 1100), % vol.		7	EN 14068
Conductivity, pS/m (3)	25		ASTM D 2624

(1) Cetane Index is aceptable instead of Cetane Number (ASTM D 4737), with a specifaction of 50 min. In case of dispute, the reference test method is ASTM D613

(2) This is an additional requirement when Gas Oil 10-S contains Biodiesel above 2 % (V / V)

(3) The electrical conductivity of the diesel fuel is measured at the time and temperature of the fuel at delivery

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