



GAS OIL 50-S

<i>TESTS</i>	<i>SPECIFICATIONS</i>		<i>REFERENCE METHOD</i>
	<i>Min.</i>	<i>Max.</i>	
Density at 15°C, kg/m ³	820	860	ASTM D 1298 or ASTM D 4052
Flash Point PM, °C	45		ASTM D 93
Kinematic Viscosity at 40°C, cSt or	2,0	4,7	ASTM D 445
Viscosity Saybolt Universal at 37,8°C, s	34	42	ASTM D 88
Cetane Number (1)	48		ASTM D 613
Color		2	ASTM D 1500
Oxidation Stability, g/m ³		25	ASTM D 2274
Copper Strip Corrosion Rating (3 hours at 50°C)		1	ASTM D 130
Water and Sediments, % vol.		0.05	ASTM D 2709
Distillation: 90% Recovered, °C		360	ASTM D 86
Water, mg/kg		200	ASTM D 6304
Total Sulfur, ppm		50	ASTM D 2622 or ASTM D 5453
Conradson Carbon Residue, in 10% of distillation residue, % mass		0,15	ASTM D 189 or ASTM D 4530
Ash content, % mass		0,005	ASTM D 482 or ISO 6245
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, °C		-5	ASTM D 97
Particulate Contamination, g/m ³		20,6	ASTM D 6217
Lubricity at 60°C, micron		460	ASTM D 6079
Biodiesel (UNIT 1100), % vol.		7	EN 14078
Conductivity, pS/m (2)	25		ASTM D2624

(1) Cetane Index is acceptable instead of Cetane Number (ASTM D 4737), with a specification of 48 min. In case of dispute, the reference test method is ASTM D613

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