

PRODUCT SHEET

RED DIESEL EN590)

Property		Unit	Minimum	Maximum	Test method
Appearance at loading temperature		Visual	Clear / Bright Haze rating ≤ 1		ASTM D4176
Cetane number		-	51,0	-	EN ISO 5165
Cetane index		-	46,0	-	EN ISO 4264
Density at 15 °C		kg/m³	820,0	845,0	EN ISO 3675
Polycyclic aromatic compounds		% m/m	-	8,0	EN ISO 12916
Sulfur content		mg/kg	-	10,0	EN ISO 20846
Manganese content		mg/l	-	2,0	EN 16576
Flash Point		°C	>55	-	EN ISO 22719
Carbon residue on 10% distillation residue		% m/m	-	0,3	EN ISO 10370
Ash content		% m/m	-	0,0	EN ISO 6245
Water content		mg/kg	-	200	EN ISO 12937
Total contamination		mg/kg	-	24	EN ISO 12662
Copper strip corrosion (3 hrs. at 50 °C)		Rating	Class 1		EN ISO 2160
Oxidation stability		g/m³	-	25	EN ISO 12205
When FAME content > 2% V/V		h	20	-	EN 15751
Lubricity, corrected wear scare diameter (wsd 1,4) at 60 °C		µm	-	460	EN ISO 12156-1
Viscosity at 40 °C		mm²/s	2,0	4,5	EN ISO 3104
Fatty acid methyl ester (FAME) content		% v/v	-	7,0	EN ISO 14078
Distillation	% (v/v) recovered at 250 °C	% v/v	-	<65	EN ISO 3405
	% (v/v) recovered at 350 °C	% v/v	85	-	
	95% (v/v) recovered at	°C	-	360	
CFPP	Summer*	°C	-	-5	EN 116
	Intermediate**	°C	-	-11	
	Winter***	°C	-	-20	
Cloud Point	Summer*	°C	-	4	EN 116
	Intermediate**	°C	-	0	
	Winter***	°C	-	-5	

* Summer: May 1st - October 15th

** Intermediate: October 16st - November 15th / March 1st - April 30th

*** Winter: November 16th - Februari 28th

Edition: 2020

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