

Source Of Data	B.D.N.
Density @ 15°C	869.6 kg/m³
Viscosity @ 40°C	4.4 mm²/s
Sulfur	0.086 % m/m
Volume @ 15°C	80.497 m³
Quantity	70.000 MT
Sent From	Athens
Date Sent	07-Sep-2017
Arrived at Lab	11-Sep-2017

1 ROT1734386

 Indicates that comments are given.

Test Results

	Unit	Test Results	DMA	Test Method
/ Density @ 15°C	kg/m³	871.9	890.0	ISO 12185
✓ Viscosity @ 40°C	mm²/s	4.830	2.000\6.000	ISO 3104
Micro Carbon Residue 10%	% m/m	< 0.10	0.30	ISO 10370
Sulfur	% m/m	0.090	150	ISO 8754
Ash	% m/m	< 0.01	0.01	LP2605
Pour Point	°C	< -6	-6\0	LP 1304
Flash Point	°C	> 70.0	60.0	LP1503
Visual Appearance	-	Pass	Bright&Clear	LP 1902
Calculated Cetane Index¹	-	46	40	ISO 4264
Acid Number	mg KOH/g	< 0.1	0.5	LP 2003
FAME content	% V/V	< 0.1	0.1	EN 14078
Lubricity (HFRR) - Wear scar diam.	µm	357	520	ISO 12156
Water	% V/V	< 0.01		ASTM D6304-C
Vanadium	mg/kg	< 1		LP1105
Sodium	mg/kg	< 1		LP1105
Aluminium	mg/kg	< 1		LP1105
Silicon	mg/kg	< 1		LP1105
Iron	mg/kg	< 1		LP1105
Nickel	mg/kg	< 1		LP1105
Calcium	mg/kg	< 1		LP1105
Magnesium	mg/kg	< 1		LP1105
Zinc	mg/kg	< 1		LP1105
Phosphorus	mg/kg	< 1		LP1105
Potassium	mg/kg	< 1		LP1105
Cloud Point	°C	2		LP 1305
Net Specific Energy¹	MJ/kg	42.47		ISO 8217
Aluminium + Silicon	mg/kg	< 2		
Temp.@ 10% recovery	°C	238		ISO 3405
Temp.@ 50% recovery	°C	317		ISO 3405
Temp.@ 90% recovery	°C	357		ISO 3405
FTIR Screening	-	Pass		LP 2403

¹ Calculated value