



<b>Company</b>	Mash Energy	<b>Laboratory</b>	Athens
<b>Order Number</b>	PO vacuum distilled	<b>Job ID</b>	1863753
<b>Grade</b>	No1 P	<b>Sample Arrived</b>	13-Dec-22
<b>Bunker Date</b>		<b>Sent From</b>	Mumbai
<b>Bunker Port</b>		<b>Courier</b>	DHL
<b>Seal Number</b>	Vacuum Distilled PO	<b>AWB Number</b>	1689349675
<b>Seal Condition</b>	Intact		

**Test Results IS 1593-2018 MV2 Grade**

Parameter	Unit	Results	Specification IS 1593-2018 MV2 Grade
Viscosity @ 50°C	cSt	121.60	Min. 125 Max 180
Density @15°C	kg/m3	1027.6	
Sulphur	% (m/m)	0.021	Max 4.0
Flash Point	°C	>67	Min. 66
Total Sediment Potential	% (m/m)	0.07	Max. 0.25
Strong Acid Number	mg KOH/g	0.00	Nil
Micro Carbon Residue	% (m/m)	10.11	18.00
Water Content	% (V/V)	0.05	Max. 1.0
Pour Point	°C	<12	
Ash Content	% (m/m)	0.114	Max. 0.1
Spot Test		1	
Asphaltene Content	% (m/m)	1.4	
Gross Calorific Value	Cal/g	8727.294	

**Parameter Comments**

According to provisions of ISO 4259, the single test result is within the 95% confidence limit and cannot be considered out of specification

BS 2869:2010

Viscosity @ 50°C Note  
Ash Content Note

**Final Approver** Panos Tzemopoulos  
**Final Approval Date** Tuesday, 3 January 2023