

## CERTIFICATE OF ANALYSIS

Client	MX Distributors		
Client Address	77 Old Main Rd Bothas Hil Outer West KZN 3660		
Product	Fuel Oil		
Sample Description	Medupi Power Station Tank 2 North Date: 28/12/2022		
Sample Condition	Acceptable		
Sample Date/Time	03 Jan 2023 12:50	Tested Date/Time	05 Jan 2023 09:00
Order Number	-	Sample Number	00788/2023
Batch Number	-	Certificate Number	00788/2023
Intertek Job Number	DBN000421/2023	Client Reference Number	-

TEST DESCRIPTION	METHOD	SPECIFICATION	RESULT
Aluminium mg/kg	ISO 10478	Report	17
Silicon mg/kg	ISO 10478	Report	22
Ash Content mass %	ASTM D482	Report	0.033
Density @ 20°C kg/l	ASTM D4052	Report	0.9728
Gross Calorific Value MJ/kg	CALCULATION	Report	42.78
Nett Calorific Value MJ/kg	CALCULATION	Report	40.45
Flash Point °C	ASTM D93	Report	85.0
Pour Point °C	ASTM D97	Report	- 12
Kinematic Viscosity @ 50°C cSt	ASTM D445	Report	137.9
Kinematic Viscosity @ 100°C cSt	ASTM D445	Report	17.79
Sulphur % m/m	ASTM D4294	Report	2.7
Vanadium mg/kg	IP 470	Report	62
Carbon Residue: micro method % m/m	ASTM D4530	Report	10.30
Iron mg/kg	IP 470	Report	17
Water Content % vol	ASTM D95	Report	0.20
Sediment % mass	ASTM D473	Report	0.02
Asphaltenes % mass	IP 143	Report	4.2

Key: X= OUT OF SPECIFICATION TEST



Kanasen Nadar  
Laboratory Manager -Technical Signatory

Signed Date: 05 Jan 2023 10:31

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