

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 1 South Date: 28/12/2022		
Sample Condition	Acceptable		
Sample Date/Time	03 Jan 2023 10:45	Tested Date/Time	05 Jan 2023 09:00
Order Number	-	Sample Number	00787/2023
Batch Number	-	Certificate Number	00787/2023
Intertek Job Number	DBN000420/2023	Client Reference Number	-

TEST DESCRIPTION	METHOD	SPECIFICATION	RESULT
Aluminium mg/kg	ISO 10478	Report	16
Silicon mg/kg	ISO 10478	Report	20
Ash Content mass %	ASTM D482	Report	0.022
Density @ 20°C kg/l	ASTM D4052	Report	0.9743
Gross Calorific Value MJ/kg	CALCULATION	Report	42.80
Nett Calorific Value MJ/kg	CALCULATION	Report	40.47
Pour Point °C	ASTM D97	Report	- 12
Flash Point °C	ASTM D93	Report	87.0
Kinematic Viscosity @ 50°C cSt	ASTM D445	Report	137.5
Kinematic Viscosity @ 100°C cSt	ASTM D445	Report	17.58
Sulphur % m/m	ASTM D4294	Report	2.7
Vanadium mg/kg	IP 470	Report	64
Carbon Residue: micro method % m/m	ASTM D4530	Report	10.40
Iron mg/kg	IP 470	Report	16
Water Content % vol	ASTM D95	Report	0.10
Sediment % mass	ASTM D473	Report	0.02
Asphaltenes % mass	IP 143	Report	4.0

Key: X= OUT OF SPECIFICATION TEST



Kanasen Nadar
Laboratory Manager -Technical Signatory

Signed Date: 05 Jan 2023 10:30

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