

National Petroleum Refiners of South Africa (Pty) Ltd

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T0127

**NATREF LABORATORY CERTIFICATE OF QUALITY****LIGHT CYCLE OIL****PRODUCT CODE: 12/42**

Date Sampled : 03 MAR 2025
Date Received : 03 MAR 2025
Date Analysed : 03 MAR 2025
Tank No : F29036
Certificate No : 25/51/4
Batch No : 12/42/036/14

Property	Units	Limits	Results	Test method			Note
				ASTM / IP	Other	Method Used	
Energy Content (gross)	kJ/kg	41000 min	43633	D240		D240	
Kinematic Viscosity @ 50 degC	cSt	5 max	2.753	D445*		D445*	
Flash Point (closed P.M) at 101,325 kPa	degC	55 min	92.0	D93*		D93*	
Total Sulphur	mass %	1.5 max	0.96	D1266/D5453*/IP336/D2622/D4294*/IP373/IP447		D4294*	
Colour		4.5 max	2.20	D6045/D1500		D6045	
Water Content	vol %	0.3 max	0.1	D95		D95	
Ash	mass %	0.05 max	<0.01	D482/IP4	ISO6245	D482	
Density @ 20 degC	kg/l	Report	0.9554	D1298/04/D4052*/IP160/IP365/04		D4052*	

NOTES:

Measurement of uncertainty and decision rule of results is available at the customer's request.

The sampling of petroleum and petroleum product is done according to the method ASTM D4057.

Non-Accredited methods in this certificate are not marked with an asterisk (*) and are not included in the SANAS schedule of accreditation.

DISCLAIMER STATEMENT:

"I, the undersigned, hereby declares that all necessary checks as required by the quality system have been verified to be correct thus accepts the responsibility for the contents of this certificate of analysis."

"This report shall not be reproduced except in full without the approval of the laboratory."

Signature :

Name :

Technical Signatory

Date:

04/03/2025