DRAKENSBERG ENERGY TRADING

PRODUCT SPECIFICATION

RON92 WAF export specification

Document: DE-SPEC-RON92-WAF | Revision 1.1 | 20 March 2026 | English

Drakensberg Energy Europe EOOD | UIC 208760847

Technical source: Burgas CTS 1-83 | Revision 01 | 7 January 2022

Property	Unit	Requirement	Test method
Appearance	-	Report	Visual
Colour and odour	-	Report	Visual / olfactory
Water / particulate matter	-	Clear and free	Visual
Research octane number	RON	Minimum 92.0	BDS EN ISO 5164; ASTM D2699
Density at 15°C	kg/m³	720.0 to 780.0	BDS EN ISO 12185; ASTM D4052
Vapour pressure	psi	Maximum 9.0	BDS EN 13016-1; ASTM D5191
Initial boiling point	°C	Report	BDS EN ISO 3405; ASTM D86
10% evaporated at	°C	Maximum 70.0	BDS EN ISO 3405; ASTM D86
50% evaporated at	°C	Maximum 125.0	BDS EN ISO 3405; ASTM D86
90% evaporated at	°C	Maximum 180.0	BDS EN ISO 3405; ASTM D86
Final boiling point	°C	Maximum 210.0	BDS EN ISO 3405; ASTM D86
Distillation residue	% (V/V)	Maximum 2.0	BDS EN ISO 3405; ASTM D86
Lead	mg/l	<2.5 (1)	BDS EN 237; VLMI 01-12*
Total sulphur	mg/kg	Maximum 500	BDS EN ISO 20846; ASTM D5453
Oxidation stability	min	Minimum 360	BDS EN ISO 7536; ASTM D525
Solvent-washed existent gum	mg/100ml	Maximum 4	BDS EN ISO 6246; ASTM D381
Copper corrosion (3 h at 50°C)	rating	Report	BDS EN ISO 2160; ASTM D130
Ethanol, method option 1	% (V/V)	<0.17 (2)	BDS EN 13132
Ethanol, alternative method	% (V/V)	<0.80 (3)	ASTM D6839
Benzene	% (V/V)	Maximum 2.0	BDS EN 12177; BDS EN ISO 22854**; ASTM D6839

Specification notes

(1) Lead method detection limit. (2)/(3) Ethanol detection limits for the alternative stated methods, not two simultaneous limits. * Validated method. ** Umpire method.

The WAF source permits sulphur up to 500 mg/kg and benzene up to 2.0% (V/V). These limits are grade specific. Sampling: BDS EN ISO 3170.

Source: https://neftochim.lukoil.com/FileSystem/9/573160.pdf

Refinery specification reference. Values identify the stated grade and source revision; the consignment quality certificate records actual results. This document is separate from the safety data sheet.

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