DRAKENSBERG ENERGY TRADING

PRODUCT SPECIFICATION

ULSD 10 ppm export specification

Document: DE-SPEC-ULSD-10PPM-EXPORT | Revision 1.1 | 20 March 2026 | English

Drakensberg Energy Europe EOOD | UIC 208760847

Technical source: Burgas CTS 1-35 | Revision 03 | 27 January 2020

Property	Unit	Requirement	Test method
Density at 15°C	kg/m³	820.0 to 845.0	BDS EN ISO 3675; BDS EN ISO 12185*
Cetane number	-	Minimum 51.0	BDS EN ISO 5165
Cetane index	-	Minimum 46.0	BDS EN ISO 4264
Sulphur	mg/kg	Maximum 10.0	BDS EN ISO 20884; BDS EN ISO 20846
Flash point	°C	>55	BDS EN ISO 2719
Carbon residue (10% distillation residue)	% (m/m)	Maximum 0.30	BDS EN ISO 10370; BDS ISO 6615
Ash	% (m/m)	Maximum 0.01	BDS EN ISO 6245
Copper strip corrosion (3 h at 50°C)	class	1	BDS EN ISO 2160
Kinematic viscosity at 40°C	mm²/s	2.00 to 4.50	BDS EN ISO 3104+AC
Water	mg/kg	Maximum 200	BDS EN ISO 12937
Total impurities	mg/kg	Maximum 24	BDS EN 12662
Oxidation stability	g/m³	Maximum 25	BDS EN ISO 12205
Oxidation stability	h	Minimum 20	BDS EN 15751
Lubricity (wsd 1.4) at 60°C	µm	Maximum 460	BDS EN ISO 12156-1
Polycyclic aromatics	% (m/m)	Maximum 8	BDS EN 12916
Distilled at 250°C	% (V/V)	<65	BDS EN ISO 3405
Distilled at 350°C	% (V/V)	Minimum 85	BDS EN ISO 3405
95% (V/V) recovered at	°C	Maximum 360	BDS EN ISO 3405
CFPP summer (16.03-30.09)	°C	Maximum +5	BDS EN 116
CFPP winter (01.10-15.03)	°C	Maximum -15	BDS EN 116
Cloud point winter (01.10-15.03)	°C	Maximum -5	BDS EN ISO 3015
Electrical conductivity	pS/m	Minimum 150	ASTM D 2624

Specification notes

* Umpire method. BDS: Bulgarian standard. Sampling: BDS EN ISO 3170. Electrical conductivity is expressed in pS/m (picosiemens per metre), the ASTM D2624 unit.

The source does not specify a FAME limit. The B0 SDS applies to the refinery diesel identity without a listed biodiesel component; quality and composition are separate document controls.

Source: https://neftochim.lukoil.com/FileSystem/9/510486.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.

© 2026 Drakensberg Energy Europe EOOD. Viewing, printing and unchanged sharing permitted.