

	ALCO QUALITY ASSURANCE LABORATORY TEST REPORT Accreditation No: AZS ISO/IEC 17025:2020/AZ 01.0571.01.21	 <small>AZERBAIJAN ACCREDITATION CENTER</small>
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Company: ALCO LLC
 3, Vali Mammadov st., Sabail dist.
 AZ1095, Baku, Azerbaijan

Certificate No.: 2025380
Date of issue: 13/03/2025

Test sample

Product: Eurotec T-1500
Batch number: 2503380
Tank ID: T61.1

Manufacture date: 13/03/2025
Date of sampling: 13/03/2025
Date of analysis: 13/03/2025

Test result

Parameters	Unit	Test method	Limit	Test result
Appearance	-	Visual	Bright & Clear	Bright & Clear
Kinematic viscosity				
-at 40°C	mm ² /s	ASTM D445	-	10.35
-at 50°C			Max. 8.0	7.56
-at 100°C			-	2.540
Water content	%	ASTM D95	Max. 0.05	None
Mechanical impurities	%	GOST 6370	None	None
Closed Cup Flash Point	°C	ASTM D93	Min. 135	147
Pour Point	°C	ASTM D7346	Max. -45	-48
TAN	mg KOH/g	ASTM D974	Max. 0.01	0.007
Color	-	ASTM D1500	Max. 1.5	0.5
The content of acids and bases soluble in water	%	ISO 6618	Min. 6.0	6.5
Antioxidant content	%	ISO 60666	Min. 0.2	0.38
Gas content	%	ISO 6974-6	Max. 0.5	0.4
Oxidation resistance after 72 h.				
- acid index	mg KOH/g	ISO 4263	Max.0.50	0.15
- sediment content	%		Max. 0.20	0.18
Oxidation resistance after 164 h.				
- acid index	mg KOH/g	ISO 4263	Max.0.60	0.30
- sediment content	%		Max. 0.30	0.15
Dielectric dissipation factor at 90°C	%	IEC 60247	Max. 0.005	0.002
Dielectric Breakdown Voltage,				
- before treatment	kV	IEC 60156	Min. 30	32.0
- after treatment*			Min. 70	71.2
Density at 15 °C	g/cm ³	ASTM D4052	Test & Report	0.8863

ALCO QUALITY ASSURANCE LABORATORY accredited by AzAK for AZS ISO/IEC 17025:2020 at test laboratory.

* The drying process should demonstrate that the oil will have high dielectric strength (breakdown voltage >70 kV) after treatment to reduce particles, water and dissolved air by the vacuum procedure (IEC 60296 (6.4)).



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Shelf life: 5 years from the date of manufacture of the product if proper storage conditions are followed.

This product meets the specification set out in its product data sheet (PDS) and has been manufactured in a facility fully complying with the requirements of Integrated Management System standards.

Notes & Instructions:

- Tests conducted according to International Standard Test Methods are routinely verified to be in compliance with the latest published versions. Minor changes may be made where they have no material impact on test results and are necessitated by reasons such as safety, environmental standards and method effectiveness.
- This certificate is only valid in its entirety.
- This certificate shall not be reproduced except in full, without the written approval of the laboratory.

Approved by

**Aytan Allahverdiyeva
Head of Laboratory**

