

**Company:** ALCO LLC  
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AZ1095, Baku, Azerbaijan

**Certificate No.:** 2024415-1  
**Date of issue:** 15/03/2024

**Test sample**

**Product:** AVTOIL T-1500  
**Batch number:** 2403415  
**Tank ID:** T61.1

**Manufacture date:** 15/03/2024  
**Date of sampling:** 15/03/2024  
**Date of analysis:** 15/03/2024

**Test result**

Parameters	Unit	Test method	Limit	Test result	Conclusion
Appearance	-	Visual	Bright & Clear	Bright & Clear	Pass
Kinematic viscosity					
-at 40°C	mm <sup>2</sup> /s	ASTM D445	-	10.35	Pass
-at 50°C			Max. 8.0	7.60	
-at 100°C			-	2.543	
Water content	%	ASTM D95	Max. 0.05	None	Pass
Mechanical impurities	%	ASTM D 4807	None	None	Pass
Closed Cup Flash Point	°C	ASTM D93	Min. 135	143	Pass
Pour Point	°C	ASTM D97	Max. -45	-45	Pass
TAN	mg KOH/g	ASTM D974	Max. 0.01	0.007	Pass
Color	-	ASTM D1500	Max. 1.5	0.5	Pass
Dielectric dissipation factor at 90°C	%	IEC 60247	Max. 0.50	0.20	Pass
Dielectric Breakdown Voltage	kV	IEC 60156	Min. 30	60.6	Pass
Density at 15 °C	g/cm <sup>3</sup>	ASTM D4052	Test & Report	0.8863	Pass

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

**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.

**Authorised singnatory**



Allahverdiyeva Aytan  
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