



**ALCO QUALITY ASSURANCE LABORATORY  
TEST REPORT**

Accreditation No: AZS ISO/IEC 17025:2020/AZ 01.0571.01.21

**Company:** ALCO LLC  
3, Vali Mammadov st., Sabail dist.  
AZ1095, Baku, Azerbaijan

**Certificate No.:** 20241052  
**Date of issue:** 17/07/2024

**Test sample**

**Product:** Walex Diesel SP C3 5W30  
**Batch number:** 24071052  
**Tank ID:** T41.3

**Manufacture date:** 17/07/2024  
**Date of sampling:** 17/07/2024  
**Date of analysis:** 17/07/2024

**Test result**

Parameters	Unit	Test method	Limit	Test result	Conclusion
Appearance	-	Visual	Bright & Clear	Bright & Clear	Pass
Kinematic viscosity at 100 °C	mm <sup>2</sup> /s	ASTM D445	9.3-12.5	10.68	Pass
Kinematic viscosity at 40 °C	mm <sup>2</sup> /s	ASTM D445	Test & Report	63.83	Pass
Viscosity index	-	ASTM D2270	Min. 150	159	Pass
Water content	%	ASTM D95	Max. 0.05	None	Pass
Flash Point, COC	°C	ASTM D92	Min, 210	228	Pass
Pour Point	°C	ASTM D97	Max. -36	-39	Pass
Color	-	ASTM D1500	Test & Report	3.2	Pass
TBN	mg KOH/g	ASTM D2896	Min. 8.0	9.1	Pass
Density at 20 °C	g/cm <sup>3</sup>	ASTM D4052	Test & Report	0.8436	Pass
CCS at -30 °C	cP	ASTM D 5293	Max. 6600	6110	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.



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**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**

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Head of Laboratory

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Lead Chemical Engineer

