

CERTIFICATE OF ANALYSIS

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

From: ALCO LLC

3. Vali Mammadov st., Sabail dist.

Certificate No.: 2023101649-1

Date of issue: 05/10/2023

3, Vali Mammadov st., Sabail dist. AZ1095, Baku, Azerbaijan

Test sample

Product: MAXIMUM SOLIDOL

Date of sampling: 05/10/2023

Batch number: 23101649-1

Tank ID: T42.1

Test result

Date of analysis: 05/10/2023

Parameters	Unit	Test result	Limit	Test method	Conclusion
Appearance	-	Homogeneous ointment without lumps, from light yellow to dark brown		Visual	Pass
Water content	%	0.9	Max. 2.5	ΓΟCT 2477	Pass
Strength limit at 50°C	рА	210	Min. 70	ΓΟCT 7143 method B	Pass
Penetration at 25°C with stirring 60 double cycles	mm ⁻¹	255	230-300	FOCT 5346 method B	Pass
Mass fractions of free alkali in terms of NAOH	%	0.1	Max. 0.2	ГОСТ 6707	Pass
Organic acid content		None	None	ГОСТ 6707	Pass
Dropping temperature	°C	87	Min. 78	ГОСТ 6793	Pass
Mechanical impurities content, insoluble in hydrochloric acid	%	0.018	Max. 0.15	ГОСТ 6479	Pass
Viscosity effective at 0°C temperature and average strain rate gradient, 10c ⁻¹	Pa	640	Max. 750	FOCT 7163	Pass

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



Notes & Instructions:

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Matilda Yusifova Technologist





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From: ALCO LLC

3, Vali Mammadov st., Sabail dist.

AZ1095, Baku, Azerbaijan

To:

ARIDAN CENTER

Varnica str. 2/11 Moldova, Chisinau

Test sample

Product: MAXIMUM TRANSMISSION 80W90 GL-5

Material ID: T0000178

Date of sampling: 24/03/2022

Manufacture date: 24/03/2022

Certificate No.: 202203281

Date of issue: 24/03/2022

Batch number: 2203281

Tank ID: T41.3

Test result

Date of analysis: 24/03/2022

Parameters	Unit	Test result	Limit	Test method	Conclusion
Appearance	-	Bright & Clear	Bright & Clear	Visual	Pass
Kinematic viscosity at 100 °C	mm²/s	15.48	13. <mark>5</mark> -18.5	ASTM D445	Pass
Viscosity Index	-	96	Min. 90	ASTM D2270	Pass
Water content	%	None	Max. 0.05	ASTM D95	Pass
Flash Point, COC	°C	2.7	Min. 200	ASTM D92	Pass
Pour Point	°C	-30	Max30	ASTM D97	Pass
Color	_	3.7	Max. 6.0	ASTM D1500	Pass
Density at 20 °C	g/cm ³	0.8980	Test & Report	ASTM D4052	Pass

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



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ALCO LLC Company:

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Certificate No.: 202441 Date of issue: 16/01/2024

Test sample

Product: MAXIMUM TRANSMISSION 140 GL-1 Manufacture date: 11/01/2024

Batch number: 2401041 Date of sampling: 11/01/2024

Tank ID: T41.2 Date of analysis: 11/01/2024

Test result

Parameters	Unit	Test method	Limit	Test result	Conclusion
Appearance	-	Visual	Bright & Clear	Bright & Clear	Pass
Kinematic viscosity at 100 °C	mm²/s	ASTM D445	24.0-32.5	25.12	Pass
Viscosity Index	-	ASTM D1500	Min. 85	98	Pass
Water content	%	ASTM D95	Max. 0.05	None	Pass
Flash Point, COC	°C	ASTM D92	Min. 200	280	Pass
Pour Point	°C	ASTM D97	Max9	-12	Pass
Color	-	ASTM D1500	Test & Report	4.5	Pass
Density at 20 °C	g/cm ³	ASTM D4052	Test & Report	0.8907	Pass

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Allahverdiyeva Aytan Head of Laboratory

Leceeur

Isgandarli Nazrin Chemical Engineer





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.: 2024153

Date of issue: 31/01/2024

Test sample

Product: MAXIMUM TRANSMISSION 85W140 GL-5

Manufacture date: 31/01/2024

Batch number: 2401153 Date of sampling: 31/01/2024 Tank ID: T41.2 Date of analysis: 31/01/2024

Test result

Parameters	Unit	Test method	Limit	Test result	Conclusion
Appearance	-	Visual	Bright & Clear	Bright & Clear	Pass
Kinematic viscosity at 100 °C	mm²/s	ASTM D445	24.0-32.5	25.61	Pass
Viscosity index	-	ASTM D2270	Min. 90	97	Pass
Water content	%	ASTM D95	Max. 0.05	None	Pass
Flash Point, COC	°C	ASTM D92	Min. 200	246	Pass
Pour Point	°C	ASTM D97	Max18	-21	Pass
Color	-	ASTM D1500	Test & Report	4.9	Pass
Density at 20 °C	g/cm ³	ASTM D4052	Test & Report	0.8985	Pass

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Allahverdiyeva Aytan Head of Laboratory

Leceeur

Isgandarli Nazrin Chemical Engineer





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



Company: ALCO LLC Certificate No.: 20231658

3, Vali Mammadov st., Sabail dist. **Date of issue:** 18/10/2023 AZ1095, Baku, Azerbaijan

Test sample

Product: MAXIMUM HYDRAULIC HVLP32 Manufacture date: 18/10/2023

Batch number: 23101658 Date of sampling: 18/10/2023

Tank ID: T41.3 **Date of analysis:** 18/10/2023

Test result

Parameters	Unit	Test method	Limit	Test result	Conclusion
Appearance	-	Visual	Bright & Clear	Bright & Clear	Pass
Kinematic viscosity at 40 °C	mm²/s	ASTM D445	28.8-35.2	30.24	Pass
Viscosity index	-	ASTM D2270	Min. 130	155	Pass
Water content	%	ASTM D95	Max. 0.05	None	Pass
Flash Point, COC	°C	ASTM D92	Min. 180	218	Pass
Pour Point	°C	ASTM D97	Max36	-39	Pass
Color	-	ASTM D1500	Test & Report	0.2	Pass
Density at 20 °C	g/cm ³	ASTM D4052	Test & Report	0.8493	Pass

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Allahverdiyeva Aytan Head of Laboratory

Leceeur

Isgandarli Nazrin Chemical Engineer





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



Company: ALCO LLC Certificate No.: 20231691

3, Vali Mammadov st., Sabail dist. **Date of issue:** 14/02/2024 AZ1095, Baku, Azerbaijan

Test sample

Product: MAXIMUM HYDRAULIC HVLP 46 Manufacture date: 23/10/2023

Batch number: 23101691 Date of sampling: 23/10/2023

Tank ID: T41.4 **Date of analysis:** 23/10/2023

Test result

Parameters	Unit	Test method	Limit	Test result	Conclusion
Appearance	-	Visual	Bright & Clear	Bright & Clear	Pass
Kinematic viscosity at 40 °C	mm²/s	ASTM D445	41.4-50.6	46.12	Pass
Viscosity index	-	ASTM D2270	Min. 130	152	Pass
Water content	%	ASTM D95	Max. 0.05	None	Pass
Flash Point, COC	°C	ASTM D92	Min. 180	228	Pass
Pour Point	°C	ASTM D97	Max33	-36	Pass
Color	-	ASTM D1500	Test & Report	1.0	Pass
Density at 20 °C	g/cm ³	ASTM D4052	Test & Report	0.8732	Pass

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Leceeur

Isgandarli Nazrin Chemical Engineer





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From: ALCO LLC

3, Vali Mammadov st., Sabail dist. AZ1095, Baku, Azerbaijan Certificate No.: 2023121989 Date of issue: 08/122023

Test sample

Product: MAXIMUM TURBO MAX 10W40 CI-4/SL

Material ID: M0000150 Date of sampling: 08/12/2023 Manufacture date: 08/12/2023 Batch number: 23111842 Tank ID: T41.1

Test result

Date of analysis: 08/12/2023

Parameters	Unit	Test result	Limit	Test method	Conclusion
Appearance	-	Bright & Clear	Bright & Clear	Visual	Pass
Kinematic viscosity at 100 °C	mm²/s	14.49	12.5-16.3	ASTM D445	Pass
Viscosity index	-	145	Min. 125	ASTM D2270	Pass
Water content	%	None	Max. 0.05	ASTM D95	Pass
Flash Point, COC	°C	230	Min. 210	ASTM D92	Pass
Pour Point	°C	-35	Max35	ASTM D97	Pass
Color	-	2.0	Test & Report	ASTM D1500	Pass
Density at 20 °C	g/cm ³	0.87	Test & Report	ASTM D4052	Pass

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



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Technologist



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From: ALCO LLC

3, Vali Mammadov st., Sabail dist. AZ1095, Baku, Azerbaijan

Certificate No.: 2023111843

Date of issue: 15/11/2023

Test sample

Product: MAXIMUM TURBO MAX 15W40 CI-4/SL

Material ID: M0000164

Date of sampling: 15/11/2023

Manufacture date: 15//11/2023 Batch number: 23111843

Tank ID: T41.3

Test result

Date of analysis: 15/11/2023

Parameters	Unit	Test result	Limit	Test method	Conclusion
Appearance	-	Bright & Clear	Bright & Clear	Visual	Pass
Kinematic viscosity at 100 °C	mm²/s	14.37	12.5-16.3	ASTM D445	Pass
Viscosity index	-	134	Min. 125	ASTM D2270	Pass
Water content	%	None	Max 0.05	ASTM D95	Pass
Flash Point, COC	°C	230	Min. 210	ASTM D92	Pass
Pour Point	°C	-35	Max35	ASTM D97	Pass
Color	-	2.4	Test & Report	ASTM D1500	Pass
Density at 20 °C	g/cm ³	0.8790	Test & Report	ASTM D4052	Pass

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



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From: ALCO LLC

3, Vali Mammadov st., Sabail dist. AZ1095, Baku, Azerbaijan Certificate No.: 2023122031

Date of issue: 13/12/2023

Test sample

Product: MAXIMUM M10G2K 30 CC

Material ID: M00056

Date of sampling: 13/12/2023

Manufacture date: 13/12/2023

Batch number: 23122031

Tank ID: T41.1

Test result

Date of analysis: 13/12/2023

Parameters	Unit	Test result	Limit	Test method	Conclusion
Appearance	-	Bright & Clear	Bright & Clear	Visual	Pass
Kinematic viscosity at 100 °C, min.	mm²/s	10.92	10.5-11.5	ASTM D445	Pass
Viscosity index	-	93	Min. 85	ASTM D2270	Pass
Water content	%	None	Max. 0.05	ASTM D95	Pass
Flash Point, COC	°C	254	Min. 210	ASTM D92	Pass
Pour Point	°C	-18	Max15	ASTM D97	Pass
Color, with a dilution of 15:85, units of the CNT	-	0.5	Max. 4.0	ГОСТ 20284	Pass
Density at 20 °C	g/cm ³	0.8880	Max. 0.905	ASTM D4052	Pass

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



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From: ALCO LLC

3, Vali Mammadov st., Sabail dist. AZ1095, Baku, Azerbaijan Certificate No.: 2023122042 Date of issue: 14/12/2023

Test sample

Product: MAXIMUM M8M 20W20 Date of sampling: 14/12/2023 Manufacture date: 14/12/2023 Batch number: 23122042

Tank ID: T41.4

Test result

Date of analysis: 14/12/2023

Parameters	Unit	Test result	Limit	Test method	Conclusion
Appearance	-	Bright & Clear	Bright & Clear	Visual	Pass
Kinematic viscosity at 100 °C	mm²/s	6.882	5.6-9.3	ASTM D445	Pass
Viscosity index	-	109	Min. 93	ASTM D2270	Pass
Water content	%	None	Max. 0.05	ASTM D95	Pass
Flash Point, COC	°C	222	Min. 210	ASTM D92	Pass
Pour Point	°C ~	-33	Max30	ASTM D97	Pass
Color	-	1.2	Test & Report	ASTM D1500	Pass
Density at 20 °C	g/cm ³	0.8736	Max. 0.905	ASTM D4052	Pass

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



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Email: lab@azlub.com



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From: ALCO LLC

3. Vali Mammadov st., Sabail dist.

Certificate No.: 2023101601

Date of issue: 12/10/2023

3, Vali Mammadov st., Sabail dist. AZ1095, Baku, Azerbaijan

Test sample

Product: MAXIMUM HYDRO MAX ISO 46 Manufacture date: 12/10/2023

 Material ID: M0000197
 Batch number: 23101601

 Date of sampling: 12/10/2023
 Tank ID: T41.1

Test result

Date of analysis: 12/10/2023

Parameters	Unit	Test result	Limit	Test method	Conclusion
Appearance	-	Bright & Clear	Bright & Clear	Visual	Pass
Kinematic viscosity at 40 °C	mm²/s	45.22	41.4-50.6	ASTM D445	Pass
Viscosity index	-	100	Min. 90	ASTM D2270	Pass
Water content	%	None	Max. 0.05	ASTM D95	Pass
Flash Point, COC	°C	236	Min. 185	ASTM D92	Pass
Pour Point	°C	-27	Max24	ASTM D97	Pass
Color	-	1.3	Test & Report	ASTM D1500	Pass
Density at 20 °C	g/cm ³	0.8764	Test & Report	ASTM D4052	Pass

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



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From: ALCO LLC Certificate No.: 2023101633

3, Vali Mammadov st., Sabail dist. Date of issue: 02/10/2023 AZ1095, Baku, Azerbaijan

Test sample

Product: MAXIMUM LITOL 24

Date of sampling: 02/10/2023

Batch number: 23101633

Tank ID: T42.1

Test result

Date of analysis: 02/10/2023

Parameters	Unit	Test result	Limit	Test method	Conclusion
Appearance	-	Green unisex	Light yellow to brown unisex	Visual	Pass
Dropping Point	°C	>220	Min. 185	ASTM D2265	Pass
Penetration at 250 °C	mm ⁻¹	246	220-250	ASTM D217	Pass
Colloidal Stability	%	3.9	Max. 12	ASTM D6184	Pass
Strength limit, at -200C, At -800C	Pa	681 222	500-1000 Min. 200	ГОСТ 7143	Pass
Mechanical impurities	%	0.02	Max. 0.05	FOCT 6479	Pass

Shelf life: 3 years from the date of manufacture of the product if proper storage conditions are followed.



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From: ALCO LLC

3, Vali Mammadov st., Sabail dist. AZ1095, Baku, Azerbaijan Certificate No.: 2023101715 Date of issue: 26/10/2023

Test sample

Product: MAXIMUM TAP-15B SAE 90 GL-3

Material ID: M0000186

Date of sampling: 26/10/2023

Manufacture date: 26/10/2023

Batch number: 23101715

Tank ID: T41.3

Test result

Date of analysis: 26/10/2023

Parameters	Unit	Test result	Limit	Test method	Conclusion
Appearance		Bright & Clear	Bright & Clear	Visual	Pass
Kinematic viscosity at 100 °C	mm²/s	15.73	13.5-18.5	ASTM D445	Pass
Viscosity index	-	92	Min. 90	ASTM D2270	Pass
Water content	%	None	Max 0.05	ASTM D95	Pass
Flash Point, COC	°C	246	Min. 185	ASTM D92	Pass
Pour Point	°C	-20	Max20	ASTM D97	Pass
Density at 20 °C	g/cm ³	0.8897	Test & Report	ASTM D4052	Pass

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:



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