



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.: 2025378
Date of issue: 03/03/2025

Test sample

Product: AVTOIL M-10DM
Batch number: 2503378
Tank ID: T45.3

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

Test result

Parameters	Unit	Test method	Limit	Test result
Appearance	-	Visual	Bright & Clear	Bright & Clear
Kinematic viscosity at 100 °C, min.	mm ² /s	GOST 33	Min. 11.40	12.43
Viscosity index	-	GOST 25371	Min. 90	110
Water content	%	GOST 2477	Max. 0.05	None
Pour Point	°C	GOST 20287	Max. -18	-27
Color, with a dilution of 15:85, units of the CNT	-	GOST 20284	Max. 3.5	0.9
Density				
- at 15 °C	g/cm ³	GOST 3900	Test & Report	0.8875
- at 20 °C				0.8831

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.

Quality Assurance Laboratory

📍 Address: 1, Kimyachilar st., SCIP., Sumgait, Azerbaijan, AZ5002

✉ Email: lab@azlub.com

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Approved by

**Aytan Allahverdiyeva
Head of Laboratory**



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

Certificate No.: 2024470
Date of issue: 30/03/2024

Test sample

Product: AVTOIL MS-20
Batch number: 2403470
Tank ID: T32.5

Manufacture date: 30/03/2024
Date of sampling: 30/03/2024
Date of analysis: 30/03/2024

Test result

Parameters	Unit	Test method	Limit	Test result	Conclusion
Appearance	-	Visual	Bright & Clear	Bright & Clear	Pass
Kinematic viscosity at 100 °C	mm ² /s	ASTM D445	Min.20.50	22.05	Pass
Viscosity index	-	ASTM D2270	Min. 80	92	Pass
Water content	%	ASTM D95	Max. 0.05	None	Pass
Flash Point, COC	°C	ASTM D92	Min. 265	280	Pass
Pour Point	°C	ASTM D97	Max -18	-18	Pass
Color	-	ASTM D1500	Max. 7.0	4.0	Pass
Density at 15 °C	g/cm ³	ASTM D4052	Test & Report	0.8945	Pass

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Authorised signatory



Allahverdiyeva Aytan
Head of Laboratory



Isgandarli Nazrin
Lead Chemical Engineer



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

Certificate No.: 20251816
Date of issue: 09/09/2025

Test sample

Product: AVTOIL ECODRIVE 5W-30 SN/CF
Batch number: 25091816
Tank ID: T45.2

Manufacture date: 09/09/2025
Date of sampling: 09/09/2025
Date of analysis: 09/09/2025

Test result

Parameters	Unit	Test method	Limit	Test result
Appearance	-	Visual	Bright & Clear	Bright & Clear
Kinematic viscosity at 100 °C	mm ² /s	ASTM D445	9.3-12.5	11.21
Viscosity index	-	ASTM D2270	Min. 130	154
Water content	%	ASTM D95	Max. 0.05	None
Pour Point	°C	ASTM D7346	Max. -33	-33
Color	-	ASTM D1500	Test & Report	2.9
TBN	mg KOH/g	ASTM D2896	Min. 7.0	7.56
Density at 15 °C	g/cm ³	ASTM D4052	Test & Report	0.8579

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

Certificate No.: 20251784
Date of issue: 04/09/2025

Test sample

Product: AVTOIL CLASSIC 10W-40 SG/CD
Batch number: 25091784
Tank ID: T41.1

Manufacture date: 04/09/2025
Date of sampling: 04/09/2025
Date of analysis: 04/09/2025

Test result

Parameters	Unit	Test method	Limit	Test result
Appearance	-	Visual	Bright & Clear	Bright & Clear
Kinematic viscosity at 100 °C	mm ² /s	ASTM D445	12.5-16.3	14.78
Viscosity index	-	ASTM D2270	Min. 120	152
Water content	%	ASTM D95	Max. 0.05	None
Pour Point	°C	ASTM D7346	Max. -27	-36
Color	-	ASTM D1500	Test & Report	2.1
Density at 15 °C	g/cm ³	ASTM D4052	Test & Report	0.8717

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Head of Laboratory





Turbo Truck 10W-40

SPECIFICATIONS

Engine:	diesel
SAE:	10W-40
API:	CI-4 +UHPD
ACEA:	E9 / E7 / E6

APPROVALS AND CONFORMITY

MB-Approval 228.51

MAN M 3477 M 3271-1 Renault RLD-2 RXD RGD VOLVO VDS-3 CNG Caterpillar ECF-1.a

Cummins CES 20076, 20077 DAF Long drain Deutz DQC-IV-10 LA JASO DH-2 Mack EO-M Plus/EO-N

MTU Type 3.1

CHARACTERISTICS

- Low Saps (Low Ash) technology;
- Highest wear protection;
- Exceptional ageing and oxidation stability;
- Reduces formation of ageing products at high temperatures;
- Low volatilization tendency;
- Excellent viscosity-temperature behaviour;
- Excellent lubrication in range of highest temperatures.

EFFECTS

- Especially for the latest EURO 5 and EURO 6 engine generation;
- Improved economy viability by extended inspections-intervals (up to 100.000 km);
- Fuel efficiency by lightrun properties;
- Minimum wear at highly strained engines;
- All-year operation;
- Protection against reflector surface formation;
- Guarantee for absolutely clean motors and particle separators.

DISPOSAL

- Wolver Turbo Truck 10W-40 is assigned to category 2 of used oils and thus is free for disposal.

TYPICALS

Kinematic viscosity at 100 °C, mm ² /s	15.3
Viscosity index, -	150
Pour point, °C	-33
Viscosity CCS at -25 °C, mPa·s	6800
TBN, mgKOH/g	10.3
Flash point , °C	230
Density at 15.6 °C, kg/m ³	872

DESCRIPTION

Wolver Turbo Truck 10W-40 is a HC-Synthetic high performance motor oil for diesel engines of the newest generation. It was specially developed for diesel engines with EURO 5 and EURO 6 standard with after treatment of exhaust gas (particle separator). In order to maintain the functionality after treatment systems and to avoid disturbance, the use of a motor oil with Low SAPS (Low Ash) technology is obligatory.

Wolver Turbo Truck 10W-40 can also be used for diesel engines with Euro 4 and engines with particulate filters in combination with low-sulfur diesel (up to 50 ppm). The reduced values of sulphate, phosphor, and sulphur are guaranteed by selection of especially developed basic oils and additives.

Wolver Turbo Truck 10W-40 has been developed for use in highly charged diesel motors of commercial vehicles in different operating conditions. Being a UHPD oil, it allows largest intervals of oil change (up to 100.000 km – depending on manufacturer recommendations) and can be used in all trucks, construction machines, buses, agricultural vehicles, etc.

Utilization

- Commercial vehicle diesel engines;
- with multivalve technology;
- with turbocharging;
- with catalyst technology;
- with particulate filter.

Miscibility

Wolver Turbo Truck 10W-40 is miscible with comparable lubrications. It is recommended to take only Wolver Turbo Truck 10W-40 when refilling.

20L - Pail

4187

4260360941870

208L - Barrel

4186

4260360941863

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Company: ALCO LLC
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 AZ1095, Baku, Azerbaijan

Certificate No.: 2025408
Date of issue: 06/03/2025

Test sample

Product: AVTOIL 15W40 SG/CD
Batch number: 2503408
Tank ID: T45.4

Manufacture date: 06/03/2025
Date of sampling: 06/03/2025
Date of analysis: 06/03/2025

Test result

Parameters	Unit	Test method	Limit	Test result
Appearance	-	Visual	Bright & Clear	Bright & Clear
Kinematic viscosity at 100 °C	mm ² /s	ASTM D445	12.5-16.3	15.72
Viscosity index	-	ASTM D2270	Min. 125	137
Water content	%	ASTM D95	Max. 0.05	None
Pour Point	°C	ASTM D7346	Max. -30	-33
Color	-	ASTM D1500	Test & Report	2.7
Density at 15 °C	g/cm ³	ASTM D4052	Test & Report	0.8775

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

Certificate No.: 20251830
Date of issue: 10/09/2025

Test sample

Product: AVTOIL TRANSGUARD 80W-90 GL-5
Batch number: 25091830
Tank ID: T41.2

Manufacture date: 10/09/2025
Date of sampling: 10/09/2025
Date of analysis: 10/09/2025

Test result

Parameters	Unit	Test method	Limit	Test result
Appearance	-	Visual	Bright & Clear	Bright & Clear
Kinematic viscosity at 100 °C	mm ² /s	ASTM D445	13.5-22.0	16.03
Viscosity index	-	ASTM D2270	Min. 90	101
Water content	%	ASTM D95	Max. 0.05	None
Pour Point	°C	ASTM D7346	Max. -21	-27
Color.	-	ASTM D1500	Test & Report	4.4
Density at 15 °C	g/cm ³	ASTM D4052	Test & Report	0.8947

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

Certificate No.: 20251812
Date of issue: 09/09/2025

Test sample

Product: AVTOIL TAP-15B
Batch number: 25091812
Tank ID: T41.3

Manufacture date: 09/09/2025
Date of sampling: 09/09/2025
Date of analysis: 09/09/2025

Test result

Parameters	Unit	Test method	Limit	Test result
Appearance	-	Visual	Bright & Clear	Bright & Clear
Kinematic viscosity at 100 °C	mm ² /s	GOST 33	14.00-16.00	14.12
Viscosity index	-	GOST 25371	Min. 90	93
Water content	%	GOST 2477	Max. 0.05	None
Pour Point	°C	GOST 20287	Max. -20	-21
Color.	-	GOST 20284	Test & Report	3.8
Density - at 15 °C - at 20 °C	g/cm ³	GOST 3900	Test & Report Max. 0.930	0.8932 0.8888

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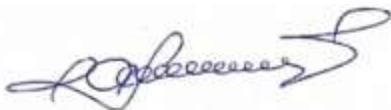
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Company: ALCO LLC
 3, Vali Mammadov st., Sabail dist.
 AZ1095, Baku, Azerbaijan

Certificate No.: 20251817
Date of issue: 09/09/2025

Test sample

Product: AVTOIL TAD-17
Batch number: 25091817
Tank ID: T41.2

Manufacture date: 09/09/2025
Date of sampling: 09/09/2025
Date of analysis: 09/09/2025

Test result

Parameters	Unit	Test method	Limit	Test result
Appearance	-	Visual	Bright & Clear	Bright & Clear
Kinematic viscosity at 100 °C	mm ² /s	GOST 33	Min. 17.50	17.76
Viscosity Index	-	GOST 25371	Min. 90	102
Water content	%	GOST 2477	Max. 0.05	None
Pour Point	°C	GOST 20287	Max. -25	-25
Color	-	GOST 20284	Test & Report	3.8
Density - at 15 °C - at 20 °C	g/cm ³	GOST 3900	Test & Report Max. 0.907	0.8945 0.8900

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ТОВ «СП ЮКОЙЛ». Завод технічних олиव.
Україна, 09100, Київська обл., Білоцерківський р-н, місто Біла Церква, вул. Пулюя Івана, будинок 48-А
Телефон приймальні: +38 (0612) 65 46 81
Телефон ВТК: +38 (061) 222 80 25
ЄДРПОУ 31852954

YUKO

YUKO-є зареєстрованою торговою маркою ТОВ "СП ЮКОЙЛ"

Випробувальна лабораторія ТОВ «СП ЮКОЙЛ» атестована на проведення вимірювань показників якості нафтопродуктів, технічних рідин та мастильних матеріалів.
Свідоцтво про визнання технічної компетентності № АВ-ЗП 50-24 від 31.10.2024 р. видане ДП "ДНІПРОСТАНДАРТМЕТРОЛОГІЯ", чинне до 31.10.2027 р.

Паспорт якості фасованої продукції №35130.01.01.1 Олива гідравлічна YUKO P (ISO 22)

Виробник: ТОВ «СП ЮКОЙЛ» за ТУ У 19.2-31852954-041:2021
Розфасовано: ТОВ «СП ЮКОЙЛ» за ТУ У 23.2-31852954-027:2006
Клас в'язкості: **ISO 22**
Клас експлуатаційних властивостей: ISO 6743-4 HM; DIN 51524-2 HLP



Дата виготовлення: Серпень 2025р.
Тара: канистра 20л ПЕ; об'єм партії 50 шт.
Номер партії: 35130.28.08.25.01.

Ф.5 СТП014

Назва показника	Вимоги НД	Фактично	Метод випробувань
Густина при 20°C, кг/м³, не більше	900	849,0	ГОСТ 3900 або ASTM D1298
В'язкість кінематична при температурі, мм²/с:			ДСТУ ГОСТ 33 або ASTM D445
- 100°C	Не більше 5,0	4,11	
- 40°C	17,0 - 22,0	19,03	
Індекс в'язкості, не менше	85	117	ДСТУ ГОСТ 25371 або ASTM D2270
Температура спалаху, визначена у відкритому тиглі, °C, не нижче	165	195	ДСТУ ГОСТ 4333 або ASTM D92
Температура застигання, °C, не вище	- 42	- 42	ГОСТ 20287 або ASTM D97
Масова частка механічних домішок, %, не більше	Відсутність	Відсутність	ДСТУ ГОСТ 6370
Масова частка води, %, не більше	Відсутність	Відсутність	ДСТУ ГОСТ 2477 або ASTM D95
Колір на колориметрі ЦНТ, одиниць ЦНТ, не більше	5,0	1,5	ГОСТ 20284 або ASTM D1500
Випробування на корозію	Витримує	Витримує	ГОСТ 2917 з доповненням за 7.3 цих ТУ або ASTM D130
Масова частка активних елементів, %, не менше:			ГОСТ 13538 або ASTM D6481 або ASTM D6443 або ASTM D4927
- цинку	0,08	0,080	
- кальцію	0,16	0,184	
Зольність, %	Не менше 0,5	0,55	ГОСТ 1461 або ASTM D482
Схильність до піноутворення, см³, не більше, при температурі:			ДСТУ 8420 або ASTM D892
- 24°C	150	10	
- 94°C	150	10	
- 24°C після випробування при 94°C	150	10	

Паспорт якості дійсний тільки за наявності печатки.

Висновок: якість продукції відповідає вимогам нормативної документації

Гарантийний термін зберігання - 5 років



Начальник ВТК

Юлія ЄВТУШЕНКО