

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

Certificate No.: 2025344
Date of issue: 06/03/2025

Test sample

Product: AVTOIL M-8V M 20W20
Batch number: 2502344
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	GOST 33	7.5-8.5	8.446
Viscosity index	-	GOST 25371	Min. 93	102
Water content	%	GOST 2477	Max. 0.05	None
Pour Point	°C	GOST 20287	Max. -25	-25
Color, with a dilution of 15:85, units of the CNT	-	GOST 20284	Max. 3.5	0.8
Density -at 15 °C -at 20 °C	g/cm ³	GOST 3900	Test&Report	0.8791 0.8748

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.

Approved by

**Aytan Allahverdiyeva
Head of Laboratory**





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Quality Assurance Laboratory

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

✉ Email: lab@azlub.com

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

Certificate No.: 20252003
Date of issue: 04/10/2025

Test sample

Product: AVTOIL TRANSFLUID DX-IID RED
Batch number: 25102003
Tank ID: T41.2

Manufacture date: 04/10/2025
Date of sampling: 04/10/2025
Date of analysis: 04/10/2025

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	Min. 7.000	7.860
Viscosity index	-	ASTM D2270	Min. 125	145
Water content	%	ASTM D95	Max. 0.05	None
Color	-	ASTM D1500	RED	RED
Density at 15 °C	g/cm ³	ASTM D4052	Test & Report	0.8563

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Approved by

**Aytan Aliyeva
Head of Laboratory**





STOU SAE 10W-30, 80W

SPECIFICATIONS

Engine:	gasoline, diesel
SAE:	10W-30
API:	CH-4 / CE / SF / GL-4

APPROVALS AND CONFORMITY

Transmission SAE 80W HVLP-D 68 Denison HF-2 International Harvester B6 ALLISON C-4 CASE MS 1118
CASE MS 1206 CASE MS 1207 CASE MS 1209 CASE MS 1230 CASE NH MAT 3505 CASE NH MAT 3509
CASE NH MAT 3525 CASE NH MAT 3526 FIAT AF 87 CATERPILLAR TO-2 DEUTZ DQC I-02
FORD M2C48-C3 FORD M2C-86B FORD M2C134-D FORD M2C159B,C JOHN DEERE J 27
MASSEY FERGUSON CMS 1145 (M1135-1145) MB 227.1 MB 228.1 NEW HOLLAND NH 024C
NEW HOLLAND NH 030C NEW HOLLAND NH 410B NEW HOLLAND NH 420A ZF TE-ML 06A/B/C/F
ZF TE-ML 07B/D

CHARACTERISTICS

- Reduces formation of ageing products at high temperatures;
- Neutralizes acids emerging from fuel combustion;
- First-rate anti-volatilization behaviour;
- High ageing stability;
- Excellent viscosity-temperature behaviour.

EFFECTS

- Optimal operating properties;
- Provides disturbance-free operation of all engines, gears, hydraulic and brake units;
- Good balanced friction behaviour at wet brakes and gears;
- All-year operation;
- Excellent cold starting behaviour.

TYPICALS

Kinematic viscosity at 100 °C, mm ² /s	11.1
Viscosity index, -	139
Pour point, °C	-34
Viscosity CCS at -25°C, mPa·s	6700
TBN, mgKOH/g	9.3
Flash point , °C	213
Density at 15.6 °C, kg/m ³	876

DESCRIPTION

Wolver STOU SAE 10W-30, 80W – is a special oil which meets the recommendations of all well known tractor manufacturers. It can be used equally for engines, gears and hydraulic systems of modern tractors.

Wolver STOU SAE 10W-30, 80W – high-quality basic oils and selected additives provide a disturbance-free operation of all units at all seasons. Thus, also the best suitable for wet brakes and clutches (power shaft clutches).

Application

- All kinds of agricultural machines.

60L – Barrel

4200

4260360942006

20L – Pail

4074

4260360940743

208L – Barrel

4045

4260360940453



SwdRheinol Impulsor CLP

ISO VG 150, 220, 320, 460 und 680

Редукторное масло для промышленных трансмиссий

Описание продукта и его свойства

SwdRheinol Impulsor CLP - трансмиссионное и циркуляционное масло для сильно-нагруженных промышленных трансмиссий. Производится на основе специально подобранных минеральных рафинатов с оптимальной комбинацией активных присадок. Соответствует и превосходит требования DIN 51 517, Teil 3 - CLP, а также имеет следующие преимущества:

- исключительная защита от износа
- стабильные характеристики при высоком давлении
- превосходная защита от коррозии, в особенности цветных металлов
- высокая стабильность к старению масла
- отсутствие вспенивания

SwdRheinol Impulsor CLP - рекомендуется для смазки высоко-нагруженных промышленных редукторов, конических и червячных коробок передач с системой циркуляционной смазки или же со смазкой погружением. Может использоваться в компрессорах и вакуумных насосах. За счёт прочной масляной пленки возможно к применению в прокатных станах.

Спецификации

- ❖ DIN 51 517 Teil 3 CLP

Типичные характеристики

SwdRheinol Impulsor CLP	Ед. Изм	Показатели					Метод испытания
		150	220	320	460	680	
Классификация по ISO-VG		150	220	320	460	680	DIN 51 519
Плотность при 15°C	кг/м ³	896	899	902	904	922	DIN 51 757
Вязкость при 40°C	мм ² /с	151	222	319	455	675	DIN 51 562
Вязкость при 100°C	мм ² /с	15,0	19,4	24,6	31,9	38,0	DIN 51 562
Температура застывания	°C	-18	-15	-15	-15	-12	DIN ISO 3016
Температура вспышки	°C	240	244	250	252	270	DIN ISO 2592
FZG тест износа (A/8,3/90 & 16,6/120)		> 12					DIN 51 354 T.2
Артикул №:		35615	35620	35630	35640	35650	

Значения приведенных физико-химических показателей являются типичными для выпускаемой в настоящее время продукции.

Rheinischer Schmierstoffvertrieb GmbH
 Am Schlütershof 28
 D-47059 Duisburg
 Tel.: 0203 / 318 76 0
 Fax: 0203 / 318 76 14
 www.swdrheinol.com



Ultron EP2

SPECIFICATIONS

NLGI:	2
ISO:	L-XCEHB 2 / LB/GC
DIN:	KP2P-30

APPROVALS AND CONFORMITY

LB/GC

CHARACTERISTICS

- provides excellent protection against wear under heavy loads (shock, vibration, sharp braking, etc.) and speeds, effective lubrication and seal at a high temperatures;
- high resistance to corrosion and water washout, mechanical and chemical stability in aggressive environments;
- extended service intervals even under difficult conditions, the savings due to reducing downtime and service costs. Minimize the range of used greases and stock.

TYPICALS

Viscosity of Oil at 40 °C, mm ² /s	221
Penetration at 25°C, 10-1mm	285
Dropping point, °C	270
Anti-corrosion properties, -	pass
Weld Load 4-Ball, kg	335
Colour, -	blue

DESCRIPTION

Wolver ULTRON EP2 – synthetic grease with high anti-wear and extreme pressure properties (Extra Pressure). It has maximum flexibility.

Wolver ULTRON EP2 – based on lithium complex, used for industry and transport – where the general-purpose grease is not allowed to use because of extreme loads, temperatures or aggressive environment or an extended service intervals

required.

Operating Temperature Range: -30 °C ... + 160 °C.

Application

- Wheel bearings, cardan shafts, hinges, ball joints, fifth wheel couplings, bushings, pins, and chassis of cars and trucks, as well as agricultural equipment and heavy vehicles;
- Equipment for mining, metallurgy, building industry, paper and sugar mills under high temperature and wet conditions;
- Mechanisms of sea and river vessels – main, auxiliary and deck, working in any climatic zone;
- Ventilator bearings, motors and generators with extended service intervals;
- Pump bearings, bearings for industrial and domestic laundry and washing machines.