

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

Certificate No.: 2025995
Date of issue: 23/05/2025

Test sample

Product: MAXIMUM TURBO MAX 10W-40 CI-4/SL
Batch number: 2505995
Tank ID: T41.3

Manufacture date: 23/05/2025
Date of sampling: 23/05/2025
Date of analysis: 23/05/2025

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	14.11
Viscosity index	-	ASTM D2270	Min. 125	158
Water content	%	ASTM D95	Max. 0.05	None
Pour Point	°C	ASTM D7346	Max. -30	-39
TBN	mgKOH/g	ASTM D2896	Min. 9.0	9.06
Color	-	ASTM D1500	Test & Report	2.6
Density at 15 °C	g/cm ³	ASTM D4052	Test & Report	0.8675

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.

Approved by



Aytan Allahverdiyeva
Head of Laboratory



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

Certificate No.: 2025996
Date of issue: 23/05/2025

Test sample

Product: MAXIMUM TURBOMAX 15W40 CI-4/SL
Batch number: 2505996
Tank ID: T41.2

Manufacture date: 23/05/2025
Date of sampling: 23/05/2025
Date of analysis: 23/05/2025

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	15.39
Viscosity index	-	ASTM D2270	Min. 125	144
Water content	%	ASTM D95	Max. 0.05	None
Pour Point	°C	ASTM D7346	Max. -27	-36
Color	-	ASTM D1500	Test & Report	2.7
TBN	mg KOH/g	ASTM D2896	Min. 9.0	9.09
Density at 15 °C	g/cm ³	ASTM D4052	Test & Report	0.8797

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.



**ALCO QUALITY ASSURANCE LABORATORY
TEST REPORT**

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



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Approved by

**Aytan Allahverdiyeva
Head of Laboratory**



Product Data Sheet

Maximum™ M-10G2K

Engine oil

Product description

Maximum™ M-10G2K stands as a monograde diesel engine oil formulated using premium mineral base oils and a thoughtfully curated additive blend, delivering resilient protection against wear and corrosion. Its versatile applicability extends to a range of off-highway uses, as well as older on-highway vehicles.

Application

Maximum™ M-10G2K is recommended for high-power naturally aspirated or moderately supercharged diesel engines in automotive vehicles and tractors

Features & Benefits

- Enhanced acid control system
- Improved detergency characteristics
- Control of high-temperature deposit formation
- Excellent thermal and oxidation stability
- Superior anti-wear protection

Typical Properties

Property	Unit	Test method	Typical value
Density at 15°C	g/cm ³	GOST 3900	0.893
Kinematic Viscosity at 100°C	cst	GOST 33	11
Kinematic Viscosity at 40°C	cst	GOST 33	95
Viscosity Index	-	GOST 25371	101
Flash Point (COC)	°C	GOST 4333	246
Pour Point	°C	GOST 20287	-18

Typical property characteristics are based on current production. Whilst future production will conform to Maximum™ specifications, variations in these characteristics may occur.

Performance claims

- API CC
- SAE 30

Health, Safety & Environment

- **Health and Safety**

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

For further guidance on Product Health & Safety refer to the appropriate Safety Data Sheet which can be obtained upon request or through our website: www.maximumlube.com

- **Protect the Environment**

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Available pack sizes

- 1 L Canister plastic
- 4 L Canister plastic
- 5 L Canister plastic
- 6 L Canister plastic
- 7 L Canister plastic
- 20 L Canister plastic
- 30 L Canister plastic
- 60 L Drum sheet metal
- 200 L Drum sheet metal
- 1000 L Container

Storage

- We recommend to store all packages under cover.
- Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
- Products should not be stored above 60 °C, exposed to hot sun or freezing conditions.

Notes

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by ALCO LLC for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our sales specialists if you require any further information.



Product Data Sheet

Maximum™ TransMax 80W-90 GL-5

Transmission oil

Product description

Maximum™ TransMax 80W-90 GL-5 is a superior multi-grade gear oil blended with a selected package of additives to deliver excellent shifting performance, favorable low-temperature fluidity, and the ability to maintain viscosity even under high temperatures. Specifically designed for use in manual transmissions, differentials, and final drives, it excels in environments where extreme pressures and shock loading are expected.

Application

Maximum™ TransMax 80W-90 GL-5 is suitable for automotive gearboxes, axles, differentials, transaxles, and hypoid gear sets in motorcycles, passenger cars, commercial vehicles, off-road construction, and agricultural equipment where GL-5 oil with a viscosity of SAE 80W-90 is recommended.

Features & Benefits

- Superior thermal and oxidation stability
- Excellent rust and corrosion protection
- Effective low temperature lubrication
- Better compatibility with typical automotive seals and gaskets
- Reduced wear and longer component life

Typical Properties

Property	Unit	Test method	Typical value
Density at 15°C	g/cm ³	ASTM D 4052	0.891
Kinematic Viscosity at 100°C	mm ² /s	ASTM D 445	15
Kinematic Viscosity at 40°C	mm ² /s	ASTM D 445	151.9
Viscosity Index	-	ASTM D 2270	99
Flash Point (COC)	°C	ASTM D 92	230
Pour Point	°C	ASTM D 97	-18

Typical property characteristics are based on current production. Whilst future production will conform to Maximum™ specifications, variations in these characteristics may occur.

Performance claims

- API GL-5
- MIL-L 2105 D
- MAN 342 M2
- ZF TE-ML 05A/07A/12E/16B/16C/16D/17B/19B/21A

Health, Safety & Environment

- **Health and Safety**

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- **Protect the Environment**

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Available pack sizes

- 1 L Canister plastic
- 4 L Canister plastic
- 5 L Canister plastic
- 6 L Canister plastic
- 7 L Canister plastic
- 20 L Canister plastic
- 30 L Canister plastic
- 60 L Drum sheet metal
- 200 L Drum sheet metal
- 1000 L Container

Storage

- We recommend to store all packages under cover.
- Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
- Products should not be stored above 60 °C, exposed to hot sun or freezing conditions.

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Product Data Sheet

Maximum™ TransMax 140 GL-1

Transmission oil

Product description

Maximum™ TransMax 140 GL-1 is a rust and oxidation-inhibiting mineral gear oil crafted for automotive and industrial gearboxes, as well as manual transmissions. It's recommended for applications needing SAE viscosity grade 140 under API GL-1 specification.

Application

Maximum™ TransMax 140 GL-1 is recommended for many types of automotive and industrial equipment where the equipment suppliers recommend the use of a straight mineral oil in SAE viscosity grades 140.

Features & Benefits

- Optimal lubricant film formation via high-viscosity index base stocks
- Enhanced rust protection for prolonged equipment life
- Efficient antifoam properties for extended gear and bearing longevity

Typical Properties

Property	Unit	Test method	Typical value
Density at 15°C	g/cm ³	ASTM D 4052	0.894
Kinematic Viscosity at 100°C	mm ² /s	ASTM D 445	25.2
Kinematic Viscosity at 40°C	mm ² /s	ASTM D 445	339.4
Viscosity Index	-	ASTM D 2270	97
Flash Point (COC)	°C	ASTM D 92	280
Pour Point	°C	ASTM D 97	-9

Typical property characteristics are based on current production. Whilst future production will conform to Maximum™ specifications, variations in these characteristics may occur.

Performance claims

- API GL-1

Health, Safety & Environment

- **Health and Safety**

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

For further guidance on Product Health & Safety refer to the appropriate Safety Data Sheet which can be obtained upon request or through our website: www.maximumlube.com

- **Protect the Environment**

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Available pack sizes

- 1 L Canister plastic
- 4 L Canister plastic
- 5 L Canister plastic
- 6 L Canister plastic
- 7 L Canister plastic
- 20 L Canister plastic
- 30 L Canister plastic
- 60 L Drum sheet metal
- 200 L Drum sheet metal
- 1000 L Container

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HEXOL STANDARD HV 32 - HV 46 – HV 68

ULEIURI HIDRAULICE

DESCRIERE PRODUS

HEXOL STANDARD HV 32 – HV 46 – HV 68 sunt uleiuri hidraulice de înaltă calitate, cu indice de vâscozitate ridicat, special formulate pentru a fi utilizate în industrie, construcții, minerit, sisteme hidraulice de ridicat, precum și în orice alte sisteme hidraulice fixe și mobile, care lucrează în condiții de extremă presiune (EP). Sunt produse din uleiuri de bază înalt rafinate, cu un pachet de aditivi speciali anticoroziune, antiuzură, antioxidare, antispumare și ameliorator al indicelui de vâscozitate.

CARACTERISTICI

- corespund cerințelor ISO 6743-4, ISO-L-HV, DIN 51524-3 (HVLP), AFNOR NF ISO 11158 (HV), Sperry Vickers I-286-S, US Steel 126 and 127;
- protecție excelentă la uzură;
- stabilitate la oxidare pe termen lung;
- spumare redusă, eliberarea rapidă a aerului antrenat;
- compatibile cu alte uleiuri hidraulice convenționale;
- recomandate în condiții de extremă presiune de peste 5000 PSI (~ 350 ATM);
- indice de vâscozitate mare.

DOMENIU DE UTILIZARE

- recomandate pentru sisteme hidraulice industriale, mașini unelte și aplicații mobile unde este cerut un ulei hidraulic cu performanțe superioare și cu un indice de vâscozitate ridicat;
- pentru toate tipurile de pompe hidraulice;
- pentru sisteme hidraulice mobile sau fixe.

PROPRIETĂȚI SPECIFICE

Grad de vâscozitate ISO	32	46	68
Densitate la 15°C [kg/m ³], max	870	888	885
Vâscozitate cinematică la 40°C [mm ² /s]	28.8 – 35.2	41.4 – 50.6	61.2 – 74.8
Indice de vâscozitate	145	145	145
Punct de inflamabilitate [°C]	180	190	210
Punct de curgere [°C]	-32	-30	-27

Ambalaj

<input type="checkbox"/> 0.4kg	<input type="checkbox"/> 1kg	<input type="checkbox"/> 4kg	<input type="checkbox"/> 15kg	<input type="checkbox"/> 180kg		
<input type="checkbox"/> 0.23l	<input type="checkbox"/> 0.45l	<input type="checkbox"/> 0.5l	<input type="checkbox"/> 0.6l	<input type="checkbox"/> 0.9l	<input type="checkbox"/> 1l	<input type="checkbox"/> 3l
<input type="checkbox"/> 4l	<input type="checkbox"/> 5l	<input checked="" type="checkbox"/> 10l	<input checked="" type="checkbox"/> 20l	<input checked="" type="checkbox"/> 60l	<input checked="" type="checkbox"/> 208l	<input checked="" type="checkbox"/> 1000l

Detaliile referitoare la produse sunt de natură informativă și nu constituie o ofertă sau o asumare legală a indicațiilor. Datele din tabele sunt valori tipice obținute la standardele de toleranță a diverselor loturi de producție și sunt posibile diferențe datorită dezvoltării continue a produselor sau diferențelor de lot. Parametrii exacti sunt conținuți în certificatul de calitate și conformitate al fiecărui lot produs.



HEXOL SYNLINER ULTRATRUCK 5W30-10W30-10W40-15W40

ULEI MOTOR, ULTRA HIGH PERFORMANCE DIESEL (UHPD)

DESCRIERE PRODUS

HEXOL Synline Ultratruck este un ulei sintetic de motor de înaltă performanță, "low SAPS", ce asigură intervale lungi între schimburile de ulei (Longlife) și economie de carburant. Produs din uleiuri de bază sintetice și un sistem de aditivi complex, acesta asigură caracteristici de curgere și lubrifiere excelente. Acest ulei corespunde cerințelor celor mai importante asociații ale producătorilor de autovehicule și utilaje.

CARACTERISTICI

- satisface cerințele ACEA E9, ACEA E7, ACEA E6, API Service CK-4/SN, CJ-4/SM;
- respectă cerințele standardelor impuse de constructorii auto, cum ar fi: MB 228.51, 228.31; MAN 3477, 3575, 3677, 3271-1; DETROIT DIESEL DFS 93K222, DFS 93K218; Volvo VDS-4.5, VDS-4, VDS-3; Renault RLD-4, RLD-3; IVECO TLS E9; CAT ECF-1a/ECF-2/ECF-3; MACK EOS 4.5, EO-OPP; Deutz DQC IV-10LA; MTU Type 3.1, 2.1; JASO DH-2, DHD-1; Cummins CES20081/CES20086; Scania LA-2, LA, LDF; DAF Extended Drain, CNG, Ford WSS-M2C171-F1.

DOMENIU DE UTILIZARE

- potrivit pentru camioane și vehicule comerciale, de la ușoare până la tonaj și putere mare, echipate cu motoare aspirate natural sau turbo, diesel sau pe benzină, dotate cu filtre de particule (DPF) sau alte sisteme de tratare a noxelor;
- intervalul de schimb este cel indicat de producătorul motorului.

PROPRIETĂȚI SPECIFICE

Grad de vâscozitate SAE	5W30	10W30	10W40	15W40
Densitate la 15°C [kg/m ³], max.	870	875	880	890
Vâscozitate cinematică la 100°C [mm ² /s]	9.3-12.5	9.3-12.5	12.5-16.3	12.5-16.3
Indice de vâscozitate	160	155	150	145
Punct de inflamabilitate [°C]	230	230	225	220
Punct de curgere [°C]	-40	-35	-33	-30

Ambalaj

<input type="checkbox"/> 0.4kg	<input type="checkbox"/> 1kg	<input type="checkbox"/> 4kg	<input type="checkbox"/> 15kg	<input type="checkbox"/> 180kg		
<input type="checkbox"/> 0.23l	<input type="checkbox"/> 0.45l	<input type="checkbox"/> 0.5l	<input type="checkbox"/> 0.6l	<input type="checkbox"/> 0.9l	<input type="checkbox"/> 1l	<input type="checkbox"/> 3l
<input type="checkbox"/> 4l	<input checked="" type="checkbox"/> 5l	<input checked="" type="checkbox"/> 10l	<input checked="" type="checkbox"/> 20l	<input checked="" type="checkbox"/> 60l	<input checked="" type="checkbox"/> 208l	<input checked="" type="checkbox"/> 1000l

Detaliile referitoare la produse sunt de natură informativă și nu constituie o ofertă sau o asumare legală a indicațiilor. Datele din tabele sunt valori tipice obținute la standardele de toleranță a diverselor loturi de producție și sunt posibile diferențe datorită dezvoltării continue a produselor sau diferențelor de lot. Parametrii exacti sunt conținuți în certificatul de calitate și conformitate al fiecărui lot produs.

Пластичне мастило **SOLIDOL ZH**

NLGI 2/3, DIN 51502: K2/3D-25

Пластичне мастило **SOLIDOL ZH** - багатоцільове гідратоване кальцієве мастило, що володіє захисними характеристиками по зносу і корозії, оптимальною колоїдною стабільністю.

Пластичне мастило **SOLIDOL ZH** призначене для змащування вузлів тертя кочення і ковзання, гвинтових і ланцюгових передач різних машин і механізмів, транспортних засобів, ручної техніки, сільськогосподарської техніки при температурі від -25°C до + 65°C.

Пластичне мастило **SOLIDOL ZH** відповідає вимогам:
NLGI 2/3, DIN 51502: K2/3D-25.

Переваги пластичного мастила **SOLIDOL ZH**:

- відмінні гідрофобні властивості;
- висока стійкість до окиснення для більш тривалого інтервалу заміни;
- відмінний захист від ржавіння і корозії змащувальних поверхонь;
- оптимальна колоїдна стабільність.

Типові характеристики

SOLIDOL ZH	NLGI 2/3
Пенетрація при 25°C, 0,1 мм, в діапазоні	250 - 265
Температура краплепадіння, °C	100
В'язкість ефективна при 0°C та середньому градієнту швидкості деформації 10 c ⁻¹ , Па·с	235
Межа міцності на зсув за температури 50°C, Па	216