

CERTIFICATE OF ANALYSIS № 414
PROTEC Litol-24 M Lubricating Grease

TU U 19.2-37838186-006:2012 zm.1,2

Batch № 414

Manufacturing date: 13.10.25

Batch net weight: 3,521 t

Product Characteristics

№	Characteristics and units	Standard limits	Actual	Test method
1	Appearance	Uniform grease with color between light-yellow and brown	Uniform grease with yellow color	GSTU 38.001
2	Dropping point, °C, not lower than	145	148	GOST 6793
3	Penetration at 25°C, 0,1 mm, in range	220 - 280	275	GOST 5346, method V
4	Viscosity at -20°C and velocity gradient of 10 s ⁻¹ , Pa*s (P), not more than	1000	650	GOST 7163
5	Shear stability at 50°C, Pa (gs/cm ²), not lower than	120	167	GOST 7143, method B
6	Colloid stability, %, of separated oil, not more than	16,0	11,57	GOST 7142, method A
7	Metal corrosion	Pass	Pass	GOST 9.080 and P. 7.4
8	Vaporability at 100 °C, %, not more than	8,0	1,0	GOST 9566
9	Free alkali content NaOH, %, not more than	0,2	0,04	GOST 6707 P.7.3
10	Water content	nil	nil	GOST 2477 and P. 7.4
11	Mechanical impurities content, %, not more than	0,05	nil	GOST 6479 and P. 7.5
12	Four ball EP test machine (20±5°C): scuff index, N (kgs), not less than	270	330	GOST 9490
13	Four ball EP test machine (20±5°C): welding load, N (kgs), not less than	1 230	1 600	GOST 9490
14	Four ball EP test machine (20±5°C): critical load, N (kgs), not less than	610	735	GOST 9490
15	Elastomer of grade 26-44, %: volume change	-8+12	-1,8	GOST 9.030

Manufactured by KSM PROTEC LLC

Conclusion: PROTEC Litol-24 M Lubricating Grease lubricating grease sample satisfies the requirement of TU U 19.2-37838186-006:2012 zm.1,2 standard based on characteristics analyzed.

Laboratory technician _____

Laboratory head _____

Date of issue: 15.10.25





Shell Ondina X 420

GtL Medicinal White Oil

Shell Ondina X 420 is a hydrocarbon fluid based on Shell Gas-to-Liquid Technology. It is fully saturated with a high degree of iso paraffinic structures. Shell Ondina X 420 fulfills the stringent international pharmacopoeia purity requirements.

DESIGNED TO MEET CHALLENGES

Specifications, Approvals & Recommendations

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk.

Typical Physical Characteristics

Properties	Method	Shell Ondina X 420
Colour (Saybolt)	ASTM D156	+30
Density @ 15°C	kg/m ³	816
Refractive Index @ 20°C		1.454
Viscosity Index	ISO 2909	130
Flashpoint COC	°C	225
Pour Point	°C	-36
Kinematic Viscosity @ 20°C	mm ² /s	40
Kinematic Viscosity @ 40°C	mm ² /s	18
Kinematic Viscosity @ 100°C	mm ² /s	4.1
Aniline Point	°C	120
Evaporation Loss 22h/107°C	%m	0.12
Noack Volatility 1h/250°C	%m	12
Purity Requirements		
Medicinal White Oil	Latest version	EU Pharm.
Medicinal White Oil	Latest version	US Pharm.
Medicinal White Oil	FDA 178.3620 (a)	Pass

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.

Health, Safety & Environment

• Health and Safety

Shell Ondina X 420 is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Material Safety Data Sheet, which can be obtained from your Shell representative.

• Protect the Environment

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

Additional Information

- **Advice**

Advice on applications not covered here may be obtained from your Shell representative or technical help desks.

CERTIFICATE OF ANALYSIS

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

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

Manufacture date: 26/10/2023

Material ID: M0000186

Batch number: 23101715

Date of sampling: 26/10/2023

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	mm ² /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	Max. -20	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:

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



Matilda Yusifova
Technologist





ТОВ «Делфін Індастрі Україна»
Україна, 15582, Чернігівська обл.,
Чернігівський р-н, с. Рівнопілля,
Гомельське шосе 10, Тел: +38 (0462) 697041

Фізико-хімічна лабораторія ТОВ «ДЕЛФІН ІНДАСТРІ УКРАЇНА»

ПАСПОРТ ЯКОСТІ № 333

Рідина антизамерзаюча універсальна марки А-40

ТУ У 24.6-32611302-004:2010

ТМ : Аляска ANTIFREEZE-40 blue

Дата виготовлення: 13 жовтня 2023 р.

Виробник: ТОВ «Делфін Індастрі Україна»

Партія: № 13.10.23/2/4

Тара: каністра 10 л.

Кількість: 1008 шт.

№	Назва показника	Норма згідно ТУ У 24.6-32611302-004:2010	Результат аналізу
1	Зовнішній вигляд	Однорідна прозора рідина без механічних домішок. Допускається опалесценція і флуоресценція в разі використання флуоресцентних барвників	Відповідає
2	Густина при температурі 20°C, г/мл, не менше	1,035	1,069
3	Температура початку кристалізації, °C, не вище	Мінус 18	Мінус 40
4	Корозійний вплив на метали, г/(м ² ×доб.), не більше: мідь латунь сталь чавун алюміній пріпій	0,3 0,3 0,3 0,3 0,3 0,5	Відповідає
5	Спіннованість, об'єм піни, см ³ , не більше стійкість піни, с, не більше	30 3	20 2,0
6	Лужність, см ³ , не менше	6,0	14,82
7	Водневий показник (pH) при 20°C	від 7,5 до 11,0	8,23

Паспорт якості дійсний тільки за наявності кольорової сітки.

Продукція за показниками якості відповідає вимогам ТУ У 24.6-32611302-004:2010

Дата виготовлення, номер партії та маса нетто вказані на упаковці.

Гарантійний термін зберігання - 5 років.



Технік-лаборант
В. о. завідувачем лабораторією: Зайченко А.П.
(П.І.Б.)

М. П.

Бобрик В.Т..
(П.І.Б.)

(П.І.Б.)

(підпис)

(підпис)

ТОВ «АВТО-ХІТ»
Україна, 02094,
м.Київ, вул.Гетьмана Павла Попутка буд.52,
Тел: +38 0635132692

Фізико-хімічна лабораторія ТОВ «АВТО-ХІТ»

ПАСПОРТ ЯКОСТІ № 677

Рідина антизамерзаюча універсальна марки А-40

ТУ У 24.6-32611302-004:2010

ТМ : Аляска ANTIFREEZE-40 green

Дата виготовлення: 17 жовтень 2024 р.

Виробник: ТОВ « АВТО-ХІТ »

Партія: № 17.10.24/22/5

Тара: каністра 10 л.

Кількість: 608 шт.

№	Назва показника	Норма згідно ТУ У 24.6-32611302-004:2010	Результат аналізу
1	Зовнішній вигляд	Однорідна прозора рідина без механічних домішок. Допускається опалесценція і флуоресценція в разі використання флуоресцентних барвників	Відповідає
2	Густина при температурі 20°C, г/мл, не менше	1,035	1,07
3	Температура початку кристалізації, °C, не вище	Мінус 18	Мінус 40
4	Корозійний вплив на метали, г/(м ² ×доб.), не більше: мідь латунь сталь чавун алюміній пріпій	0,3 0,3 0,3 0,3 0,3 0,5	Відповідає
5	Спіннюваність, об'єм піни, см ³ , не більше стійкість піни, с, не більше	30 3	20 2,0
6	Лужність, см ³ , не менше	1,0	16,43
7	Водневий показник (pH) при 20°C	від 7,5 до 11,0	8,49

Паспорт якості дійсний тільки за наявності кольорової сітки.

Продукція за показниками якості відповідає вимогам ТУ У 24.6-32611302-004:2010

Дата виготовлення, номер партії та маса нетто вказані на упаковці.

Гарантійний термін зберігання - 5 років.

Засідання лабораторією:

Бобрик В.Т.
(П.І.Б.)

(підпис)

Зайченко А.П.
(П.І.Б.)

(підпис)



ТОВ « АВТО-ХІТ »
Україна, 02094 ,
м.Київ, вул.Гетьмана Павла Попуботка буд.52,
Тел: +38 0635132692

Фізико-хімічна лабораторія ТОВ «АВТО-ХІТ»

ПАСПОРТ ЯКОСТІ № 591
Рідина антизамерзаюча універсальна марки А-40
ТУ У 24.6-32611302-004:2010

ТМ : Аляска ANTIFREEZE-40 red
Дата виготовлення: 27 вересня 2024 р.
Виробник: ТОВ « АВТО-ХІТ »
Партія: № 27.09.24/11/1

Тара: каністра 10 л.
Кількість: 1415 шт.

№	Назва показника	Норма згідно ТУ У 24.6-32611302-004:2010	Результат аналізу
1	Зовнішній вигляд	Однорідна прозора рідина без механічних домішок. Допускається опалесценція і флуоресценція в разі використання флуоресцентних барвників	Відповідає
2	Густина при температурі 20°C, г/мл, не менше	1,035	1,070
3	Температура початку кристалізації, °C, не вище	Мінус 18	Мінус 40
4	Корозійний вплив на метали, г/(м ² ×доб.), не більше: мідь латунь сталь чавун алюміній припій	0,3 0,3 0,3 0,3 0,3 0,5	Відповідає
5	Спіннюваність, об'єм піни, см ³ , не більше стійкість піни, с, не більше	30 3	20 2,0
6	Лужність, см ³ , не менше	1,0	1,34
7	Водневий показник (рН) при 20°C	від 7,5 до 11,0	8,08

Паспорт якості дійсний тільки за наявності кольорової сітки.

Продукція за показниками якості відповідає вимогам ТУ У 24.6-32611302-004:2010

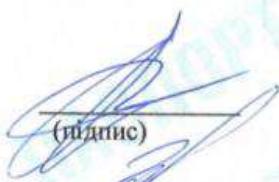
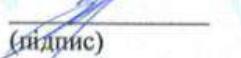
Дата виготовлення, номер партії та маса нетто вказані на упаковці.

Гарантійний термін зберігання - 5 років.



Бобрик В.Т.
(П.І.Б.)

Зайченко А.П.
(П.І.Б.)


(підпис)

(підпис)



Ploiești, strada Mihai Bravu nr. 278A

office@axatrade.ro

+40747026417

www.axatrade.ro

**Ulei hidraulic HLP 46
HLP46/I-40**

No.	Parametri	H46	Metoda de analiza
1	Viscozitate cinematica la 40°C	46	ASTM D445
2	Viscozitate cinematica la 100°C	6,3	ASTM D445
3	Indice de viscozitate ,min	102	ASTM D2270
4	Punct de curgere	-5	ASTM D 97-17B
5	Punct de inflamabilitate, COC, °C, min	210	ASIM D92-18
6	Densitate la 15°C	0,868	SR EN ISO 3838-2004



AXA Lube

Product Data Sheet

Maximum™ ATF DX-IIIH

Automotive transmission fluid

Product description

Maximum™ ATF DX-IIIH serves as a premium lubricant, perfectly suited for automatic gearboxes and hydraulic clutches that demand a Dexron III-type fluid. It ensures flawless gearbox performance in challenging conditions and diverse temperatures, providing unparalleled reliability and steadfast consistency.

Application

Maximum™ ATF DX-IIIH is suitable for all automatic transmissions with and without controlled torque converter lockup clutch. It can also be used in hydraulic and power steering systems.

Features & Benefits

- Exceptional thermal and oxidation stability
- High viscosity index
- Outstanding anti-wear properties
- Favorable friction behavior
- Confident corrosion protection
- Superior low temperature pumpability and circulation
- Excellent foam control
- Better seal compatibility

Typical Properties

Property	Unit	Test method	Typical value
Kinematic Viscosity at 100°C	cst	ASTM D 445	8.2
Kinematic Viscosity at 40°C	cst	ASTM D 445	49.85
Viscosity Index	-	ASTM D 2270	138
Flash Point (COC)	°C	ASTM D 92	230
Pour Point	°C	ASTM D 97	-39
Density at 15°C	g/cm3	ASTM D 4052	0.869

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

Performance claims

- Allison C4
- Allison TES 389
- GM Dexron IID
- GM Dexron IIIG
- GM Dexron IIIH
- GM Dexron TAS A (Typ A/Suffix A)
- Voith H55. 6335.XX (G 607)
- MAN 339 Typ. L1, L2
- MAN 339 Typ. Z1
- MAN 339 Typ. V1
- MB 236.1, 236.9
- Volvo CE97340
- Volvo CE97341
- ZF TE-ML 02F
- ZF TE-ML 03D
- ZF TE-ML 05L
- ZF TE-ML 21L
- ZF TE-ML 09
- ZF TE-ML 11A, 11B
- ZF TE-ML 04D
- ZF TE-ML 14A
- ZF TE-ML 17C

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

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Product Data Sheet

Maximum™ GuardMax 15W-40 SG/CD

Engine oil

Product description

Maximum™ GuardMax 15W-40 SG/CD stands as a mineral-derived, versatile, all-season motor oil meticulously engineered to ensure top-tier engine protection and purification. Crafted with high-quality base stocks and an innovative additive system, it guarantees optimal lubrication under a diverse array of operational circumstances.

Application

Maximum™ GuardMax 15W-40 SG/CD is suitable for use in automotive gasoline and diesel engines where the manufacturer recommends an API SG/CD or earlier specification 15W-40 lubricant.

Features & Benefits

- Provides excellent protection against wear and extends engine life
- Helps to prevent the formation of deposits and sludge, keeping engines clean and running smoothly
- Protects engine parts against rust and corrosion
- Offers high thermal stability and resistance to oxidation, ensuring long-lasting engine performance

Typical Properties

Property	Unit	Test method	Typical value
Kinematic Viscosity at 100°C	cst	ASTM D 445	14.8
Kinematic Viscosity at 40°C	cst	ASTM D 445	121.4
Viscosity Index	-	ASTM D 2270	125
Flash Point, COC	°C	ASTM D 92	230
Pour Point	°C	ASTM D 97	-27
TBN	mg KOH/g	ASTM D 2896	4
Sulphated Ash Content	%	ASTM D 874	0.55
Density at 15°C	g/ml	ASTM D 4052	0.882

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 SG/CD

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.

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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

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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/cm3	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
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- 5 L Canister plastic
- 6 L Canister plastic
- 7 L Canister plastic
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- 30 L Canister plastic
- 60 L Drum sheet metal
- 200 L Drum sheet metal
- 1000 L Container

Storage

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- Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
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Product Data Sheet

Maximum™ T-1500

Transformer oil

Product description

Maximum™ T-1500 stands as a top-tier, mineral-based transformer oil meticulously refined for optimal performance and protection of high-voltage electrical equipment. Crafted using selective hydrogenation and purification techniques on sulfur-paraffinic oils, it exhibits outstanding electrical insulation, excellent heat transmission, and remarkable long-term resistance to oxidation.

Application

Maximum™ T-1500 is recommended for use in electrical transformers, circuit breakers, switchgear, and other electrical equipment where high performance insulating oil is required. It is particularly compatible with power transformers operating at high temperatures or under heavy loads.

Features & Benefits

- Excellent oxidation stability for longer service life
- High dielectric strength for enhanced insulation properties
- Low power loss for increased efficiency
- Superior heat transfer properties for efficient cooling
- Exceptional moisture resistance for reliable performance in damp conditions

Typical Properties

Property	Unit	Test method	Typical value
Kinematic Viscosity	cst	ASTM D 445	-
- at -30°C	cst	ASTM D 445	1100
- at 20°C	cst	ASTM D 445	20
- at 50°C	cst	ASTM D 445	7.5
- at 100 °C	cst	ASTM D 445	2.5
Flash Point	°C	ASTM D 93	145
Pour Point	°C	ASTM D 97	-45
TAN	mg KOH/g	ASTM D 974	0.005
Dielectric dissipation factor at 90°C	%	IEC 60247	0.2
Dielectric Breakdown Voltage	kV	IEC 60156	-
- as delivered	kV	IEC 60156	30
- after treatment	kV	IEC 60156	60
Density at 20°C	g/cm3	ASTM D 4052	0.883

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

Performance claims

- GOST 982-80

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

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Product Data Sheet

Maximum™ TransMax 80W-90 GL-4

Transmission oil

Product description

Maximum™ TransMax 80W-90 GL-4 stands as a multi-seasonal gear oil with versatility, incorporating high-quality base stocks and an inventive blend of additives. It guarantees extended protection against wear, promoting the durability of equipment and reducing the frequency and expenses associated with maintenance.

Application

Maximum™ TransMax 80W-90 GL-4 is suitable for manual transmissions, differentials, power takeoff units and final drives found on passenger cars, trucks, and off highway vehicles used in construction, farm, forestry and mining operations.

Features & Benefits

- Superior thermal and oxidation stability
- Improved low temperature protection
- Excellent resistance for wear, corrosion and foaming
- Better extreme pressure properties

Typical Properties

Property	Unit	Test method	Typical value
Density at 15°C	g/cm³	ASTM D 4052	0.890
Kinematic Viscosity at 100°C	mm²/s	ASTM D 445	14.80
Kinematic Viscosity at 40°C	mm²/s	ASTM D 445	157.6
Viscosity Index	-	ASTM D 2270	92
Flash Point (COC)	°C	ASTM D 92	240
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-4
- MIL-L-2105 D
- ZF TE-ML 08/16A/17A/19A

Health, Safety & Environment

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Product Data Sheet

Maximum™ TAD-17

Transmission oil

Product description

Maximum™ TAD-17 is a versatile all-season mineral gear oil designed for the lubrication of various gear types in vehicles and mobile machinery, including bevel, cylindrical, worm, and hypoid gears. It provides an effective protective shield, ensuring optimal performance and durability by guarding against wear, corrosion, scoring, and other potential damages.

Application

Maximum™ TAD-17 can be used in manual transmissions, transfer cases, and gearboxes, as well as drive axles with hypoid final drives operating under high loads and at high sliding speeds in gear mesh, where API GL-5 level oil is recommended.

Features & Benefits

- Features high thermal and oxidative stability
- Offers excellent antiwear properties and reliable corrosion protection
- Prevents foaming, maintaining a strong lubricating oil film
- Sustains performance over long-term use

Typical Properties

Property	Unit	Test method	Typical value
Density at 15°C	g/cm3	GOST 3900	0.897
Kinematic Viscosity at 100°C	mm ² /s	GOST 33	17.5
Kinematic Viscosity at 40°C	mm ² /s	GOST 33	181
Viscosity Index	-	GOST 25371	103
Flash Point (COC)	°C	GOST 4333	220
Pour Point	°C	GOST 20287	-30

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
- SAE 80W-90
- GOST 23652-73

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

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VENOL GREASE LT 4



CHARAKTERYSTYKA:

Smary Venol Grease LT 4 otrzymywane są na bazie wysokorafinowanego oleju mineralnego zagęszczonego mydłami litowymi kwasu 12-hydroksystearynowego. Zawierają dodatki przeciwutleniające oraz inhibitory korozji.



ZASTOSOWANIE:

Smary Venol Grease LT 4 przeznaczone są do smarowania łożysk tocznych i ślizgowych, oraz innych węzłów tarcia pracujących w normalnych warunkach pracy, w zakresie temperatur od -30°C do 130°C. Smary te charakteryzują się wysoką stabilnością mechaniczną i są odporne na wymywanie wodą.



SPECYFIKACJE I NORMY:

	Venol Grease LT 41	Venol Grease LT 42	Venol Grease LT 43
DIN 51502	K 1 K – 30	K 2 K – 30	K 3 K – 30
ISO 6743-9	L-XCCEA1	L-XCCEA2	L-XDCEA3

ZESTAWIENIE TYPOWYCH WŁAŚCIWOŚCI FIZYKOCHEMICZNYCH :

	Wartości typowe		
	Venol Grease LT 41	Venol Grease LT 42	Venol Grease LT 43
Wygląd zewnętrzny w 20°C	jednorodny, barwy zielonej		
Klasa penetracji wg NLGI	1	2	3
Zagęszczacz	Mydła Litowe		
Penetracja po ugniataniu w temp. 25°C 1/10mm	310 - 340	265 - 295	220 - 250
Temperatura kroplenia, °C	>185	>200	>200
Lepkość oleju bazowego w 40°C mm ² /s	130	130	130
Działanie korodujące na płytce z miedzi 24h, 100°C	1	1	1

Ze względu na ciągły rozwój produktu, informacje zawarte w niniejszym dokumencie mogą ulec zmianie bez powiadomienia.

ТОВАРИСТВО З ОБМЕЖЕНОЮ
ВІДПОВІДАЛЬНІСТЮ «ЛЮКАС
ЛУБРИКАНТС»
61058, Україна, м. Харків, вул.
Ролана Ромен, буд.12
e-mail:
lukas.lubricants@gmail.com



LIMITED LIABILITY COMPANY
“LuKaS lubricants”
12 Rollan Romen Str., Kharkiv,
Ukraine, 61058
e-mail:
lukas.lubricants@gmail.com

ПАСПОРТ ЯКОСТІ НА ПРОДУКЦІЮ:

Гальмівна рідина BARS EXTRA DOT-4

Виробник: ТОВ «ЛЮКАС ЛУБРИКАНТС», Україна

Дата виготовлення : січень 2026 р.

Тип тари: пластикові каністри 0,5 л, 1 л.

№	Назва показника	Норма	Факт	Метод випробувань
1.	Зовнішній вигляд і колір	Однорідна прозора рідина	відповідає	ТУ У 24.6-00174131-168 2001 змін №1:2014
2.	В'язкість кінематична, мм ² /с: - при (100 \pm 0,5)°C, не менше	1,5	2,2	ТУ У 24.6-00174131-168 2001 змін №1:2014
3.	Температура кипіння при тиску 101,3 кПа, °C, не менше	190	212	ТУ У 24.6-00174131-168 2001 змін №1:2014
4.	Температура кипіння зволоженої рідини при тиску 101,3 кПа, °C, не менше	155	233	ТУ У 24.6-00174131-168 2001 змін №1:2014
5.	Стабільність при високій температурі, °C, не більше	3	1	ТУ У 24.6-00174131-168 2001 змін №1:2014
6.	Взаємодія з металами при температурі (100 \pm 2) °C протягом (120 \pm 2) год.: а) зміна маси пластинок, мг/см ² , не більше - біла жерстя 0,2 0,11 - сталь Ст10 0,2 0,09 - алюмінієвий сплав Д-16 0,1 0,09 - чавун СЧ 18-35 0,2 0,11 - латунь Л-63 0,4 0,22 - мідь М-1 0,4 0,22 б) значення pH після випробувань, одиниць pH, у межах 7,0-11,5 9,6			ТУ У 24.6-00174131-168 2001 змін №1:2014
7.	Масова частка механічних домішок:	відсутність	відсутність	ТУ У 24.6-00174131-168 2001 змін №1:2014

Гарантійний термін зберігання – 5 років

М.П.

Головний технолог

Любін Р.Г.

