



G-Motion S Synth

Effective Semisynthetic Protection

Product Description

G-Motion S Synth is a semisynthetic engine oil of the highest performance for the two-stroke engines. Made on the high quality base oil with the addition of a multifunctional additive package. Due to the latest production technologies the oil has the reserve of operational properties.

Benefits

- Easily mixed and dissolved in gasoline, provides a reliable oil film on the surfaces of pistons and cylinders.
- Protects engine parts from wear, does not allow piston seizing and ring sticking.
- Provides the cleanliness of the engine and spark plugs, extending the engine service life.
- The balanced composition of the oil reduces the exhaust toxicity level.
- Reliable engine protection from corrosion while storing.

Application

- For the modern two-stroke gasoline engines of motorcycles, scooters, mopeds, motor-scooter, snowmobiles, chainsaws, rototillers.

Specifications and Approvals

JASO FD	+
ISO-L-EGD	+
API TC	+
TISI	+
Husqvarna	+

Physical and Chemical Characteristics

Kinematic viscosity :		
• at 40 °C, mm ² /s	ASTM D 445	49.4
• at 100 °C, mm ² /s	ASTM D 445	8.1
Viscosity index	ASTM D 2270	136
Flash point, °C	ASTM D 92	101
Pour point, °C	ASTM D 97	-36
Density at 15 °C, kg/m ³	ASTM D 1298	873.0

Health and Safety

The oil poses no threat to the health and the environment under keeping of service rules of personal and industrial hygiene, as well as when used properly in the recommended applications. Avoid skin contact. When changing the oil, use protective gloves/mittens. Upon skin contact wash off the oil with soap and water immediately. For more information on this subject please refer to the product safety data sheet.

Environmental Protection

Waste oil and remainder of the products are under obligatory collection in a hermetically sealed container and handing over to waste oil acceptance stations. Do not discharge waste oil into drains, soil or water.



G-Truck GL-4 80W-90

Product Description

G-Truck GL-4 80W-90 is a year-round transmission oil made on the high quality base with addition of multifunctional additive package. Intended for car and truck mechanical gear boxes and other components in which the API GL-4 level oils are required. Specially selected components of the oil provide smooth transmission gear change and ensure high antiwear protection. Provide good service properties. Recommended for year-round use.

Benefits

- Increased thermo-oxidative stability provides maximum preservation of operational properties, what essentially increases oil change intervals
- Provides smooth gear change without vibration and noise
- Excellent lubrication characteristics provide a stable oil film
- Effectively prevents foam formation, has excellent compatibility with the sealing materials
- Has splendid antiwear and anticorrosive properties

Application

- In mechanical transmissions, gear boxes of cars and trucks and mobile technics
- For lubrication of the components operating under severe conditions and having the recommendation for the API GL-4 level oil use

Specifications and Approvals

API GL-4	+
ZF TE-ML 02A, 16A, 17A, 19A	+
MAN 341 Type Z1	+

Physical and Chemical Characteristics

<i>Kinematic viscosity</i>		
• at 40 °C, mm ² /s	ASTM D 445	160,7
• at 100 °C, mm ² /s	ASTM D 445	15,0
Viscosity index	ASTM D 2270	92
Flash point, °C	ASTM D 92	208
Pour point, °C	ASTM D 97	- 27
Density at 15 °C kg/m³	ASTM D 1298	899

Health and Safety

The oil poses no threat to the health and the environment under keeping of service rules of personal and industrial hygiene, as well as when used properly in the recommended applications. Avoid skin contact. When changing the oil, use protective gloves/mittens. Upon skin contact wash off the oil with soap and water immediately. For more information on this subject please refer to the product safety data sheet.

Environmental Protection

Waste oil and remainder of the products are under obligatory collection in a hermetically sealed container and handing over to waste oil acceptance stations. Do not discharge waste oil into drains, soil or water.



HEXOL AFT TORSION

GEAR OIL

PRODUCT DESCRIPTION

HEXOL ATF Torsion is outstanding quality transmission oil, for use in semi-automatic and automatic transmissions installations equipping industrial equipment and vehicles, in power steering systems.

Hexol ATF Torsion is formulated from mineral and synthetic base oils combined with specific additives, recommended for use throughout the year to automatic transmission systems equipping last generation industrial equipment and vehicles, or any transmissions where specified using a such oil.

PERFORMANCE FEATURES

- meets requirements according to GM Dexron III H, III G, Ford Mercon, Allison C-4, Allison TES 389, MB 236.1, Caterpillar TO-2, Voith G.607, Voith 55.6335, ZF-TE-ML 09/11/14, M2C 138-CJ, M2C 166-H, and other types of vehicles whose manufacturers recommend that classification;
- ensures a long life of components subject to wear;
- excellent oxidative stability, providing protection against corrosion or sediment deposits.

APPLICATION

- recommended for all semi-automatic and automatic transmission systems equipping last generation of industrial equipment and vehicles requiring an oil corresponding to GM Dexron III H and older, standard;
- recommended for hydraulic systems requiring anti-wear oils with good fluidity even at low temperatures.

PROPERTIES

Viscosity Grade SAE	20
Density at 15°C [kg/m ³]	840 – 860
Kinematic Viscosity at 40°C [mm ² /s]	32 – 46
Kinematic Viscosity at 100°C [mm ² /s]	7 - 8
Viscosity Index, min	150
Flash Point [°C]min	210
Pour Point [°C]max	-45
Colour	red

PACKAGING

<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 checked="" 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

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REV.
2019

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Уверење о квалитету Certificate of Analysis

Шифра производа/Product code:
18149/01

Датум/Date: 18.01.2023

Назив производа/Product name:

G-ENERGY T LINE C3 5W-30

Шаржа/Batch: 22460-2697

Ниво квалитета/Quality level: API SN/CF; ACEA C3-16; MB 229.51; VW 505.01/505.00; BMW Long Life 04; GM dexos 2

Карактеристика, јединица мере Characteristic, unit	Методе Methods	Резултати Results	Границе Limits
Изглед Appearance	VDM 12	Бистра вискозна течност Clear viscous liquid	Бистра вискозна течност Clear viscous liquid
Густина, 15°C, kg/m ³ Density at 15°C, kg/m ³	ASTM D 4052	855,9	Наводи се Read
Кинематска вискозност на 40°C, mm ² /s Kinematic Viscosity at 40°C, mm ² /s	SRPS ISO 3104	76,67	Очитана Read
Кинематска вискозност на 100°C, mm ² /s Kinematic Viscosity at 100°C, mm ² /s	SRPS ISO 3104	12,25	11,0-12,5
Индекс вискозности Viscosity Index (IV)	SRPS ISO 2909	157	Типично 160 Typicaly 160
Испарљивост по Ноаку (1h, 250°C), m/m % Volatility Loss by Noack (1h, 250°C), m/m%	ASTM D 5800	10,9	≤ 10,0
Тачка паљења, COC, °C Flash Point, COC, °C	SRPS EN ISO 2592	230	≥ 215
Тачка течења, °C Pour Point, °C	SRPS ISO 3016	-42	≤ -36
Садржај воде и талога, v/v % Water and sediment Content, v/v %	SRPS ISO 3734	<0,05	≤ 0,05
Сулфатни пепео, m/m % Sulphur ash, m/m%	SRPS ISO 3987	0,42	≤ 0,8
Склоност ка пенушању/стабилност пене, ml/ml Foaming tendency/stability, ml/ml	SRPS ISO 6247		
- Секвенца I на 24°C - I Sequence at 24°C		0/0	Max 10/0
- Секвенца II на 93.5°C - II Sequence at 93.5°C		10/0	Max 20/0
- Секвенца III на 24°C - III Sequence at 24°C		0/0	Max 10/0
TBN, mgKOH/g TBN, mgKOH/g	SRPS ISO 3771	6,6	Типично 7 Typicaly 7

Напомена/Note:

Производ испуњава захтеве стандарда G-ENERGY T LINE C3 5W-30.

Ово Уверење о квалитету је издато на основу извештаја о испитивању број: 20030120&20030064 Научно-технолошког центра, лабораторије Downstream Нови Сад

The product meets the requirements of the standard of G-ENERGY T LINE C3 5W-30

This Certificate of Analysis has been issued on the basis of the Test Report No: 20030120&20030064 from Scientific Tehnological Centar, Direction Laboratory Downstream Novi Sad.

Менаџер за квалитет производа и сировина
Product and raw materials quality manager

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Уверење о квалитету
Certificate of Analysis

Шифра производа/Product code:
18149/01

Датум/Date: 18.01.2023

Ово Уверење о квалитету је валидно без потписа јер је потврђено електронски.
This certificate has been validated by electronic data procesing and is therefore not signed.

Произведено по поруџбини: "Lubricants Balkans d.o.o ", Владимира Поповића 38-40, 11000 Београд, Србија ; тел: +381 11 2058665
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Произвођач: НИС АД Нови Сад, Народног фронта 12, 21000 Нови Сад, Србија; тел: + 381 08 0000 8888
Manufacturer: NIS AD Novi Sad, 12 Narodnog fronta str., Novi Sad 21000, Serbia; tel.: + 381 08 0000 8888

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Уверење о квалитету Certificate of Analysis

Шифра производа/Product code:
18150/01

Датум/Date: 17.01.2023

Назив производа/Product name:

G-ENERGY T LINE C3 5W-40

Шаржа/Batch: 30063-3030

Ниво квалитета/Quality level: API SN/CF;ACEA C3;MB 229.51;VW 505.01/505.00;BMW Long Life 04; Porsche A40

Карактеристика, јединица мере Characteristic, unit	Методе Methods	Резултати Results	Границе Limits
Изглед Appearance	VDM 12	Бистра вискозна течност Clear viscous liquid	Бистра вискозна течност Clear viscous liquid
Густина, 15°C, kg/m ³ Density at 15°C, kg/m ³	ASTM D 4052	856,8	Наводи се Read
Кинематска вискозност на 40°C, mm ² /s Kinematic Viscosity at 40°C, mm ² /s	SRPS ISO 3104	84,79	Очитана Read
Кинематска вискозност на 100°C, mm ² /s Kinematic Viscosity at 100°C, mm ² /s	SRPS ISO 3104	13,71	13,5-15,0
Индекс вискозности Viscosity Index (IV)	SRPS ISO 2909	166	≥ 150
Испарљивост по Ноаку (1h, 250°C), m/m % Volatility Loss by Noack (1h, 250°C), m/m%	ASTM D 5800	10,0	≤ 10,0
Тачка паљења, COC, °C Flash Point, COC, °C	SRPS EN ISO 2592	232	≥ 215
Тачка течења, °C Pour Point, °C	SRPS ISO 3016	<-42	≤ -36
Садржај воде и талога, v/v % Water and sediment Content, v/v %	SRPS ISO 3734	<0,05	≤ 0,05
Сулфатни пепео, m/m % Sulphur ash, m/m%	SRPS ISO 3987	0,72	≤ 0,8
Склоност ка пенушању/стабилност пене, ml/ml Foaming tendency/stability, ml/ml	SRPS ISO 6247		
- Секвенца I на 24°C - I Sequence at 24°C		0/0	Max 10/0
- Секвенца II на 93.5°C - II Sequence at 93.5°C		10/0	Max 20/0
- Секвенца III на 24°C - III Sequence at 24°C		0/0	Max 10/0
TBN, mgKOH/g TBN, mgKOH/g	SRPS ISO 3771	7,6	≥ 7

Напомена/Note:

Производ испуњава захтеве стандарда G-ENERGY T LINE C3 5W-40.

Ово Уверење о квалитету је издато на основу извештаја о испитивању број: 20030083 Научно-технолошког центра, лабораторије Downstream Нови Сад

The product meets the requirements of the standard of G-ENERGY T LINE C3 5W-40

This Certificate of Analysis has been issued on the basis of the Test Report No: 20030083 from Scientific Tehnological Centar, Direction Laboratory Downstream Novi Sad.

Менаџер за квалитет производа и сировина
Product and raw materials quality manager

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Уверење о квалитету
Certificate of Analysis

Шифра производа/Product code:
18150/01

Датум/Date: 17.01.2023

Ово Уверење о квалитету је валидно без потписа јер је потврђено електронски.
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Уверење о квалитету Certificate of Analysis

Шифра производа/Product code:
18178/03

Датум/Date: 20.01.2023

Назив производа/Product name:

G-ENERGY SUPER 10W-40

Шаржа/Batch: 30128-3040

Ниво квалитета/Quality level: API SG/CD

Карактеристика, јединица мере Characteristic, unit	Методе Methods	Резултати Results	Границе Limits
Изглед Appearance	VDM 12	Бистра вискозна течност Clear viscous liquid	Бистра вискозна течност Clear viscous liquid
Густина, 15°C, kg/m ³ Density at 15°C, kg/m ³	ASTM D 4052	875,7	Наводи се Read
Кинематска вискозност на 40°C, mm ² /s Kinematic Viscosity at 40°C, mm ² /s	SRPS ISO 3104	98,24	Очитана Read
Кинематска вискозност на 100°C, mm ² /s Kinematic Viscosity at 100°C, mm ² /s	SRPS ISO 3104	13,99	13,8-15,0
Индекс вискозности Viscosity Index (IV)	SRPS ISO 2909	145	≥ 140
Тачка паљења, COC, °C Flash Point, °C	SRPS EN ISO 2592	228	≥ 215
Тачка течења, °C Pour Point, °C	SRPS ISO 3016	-39	≤ -30
Садржај воде и талога, v/v % Water and sediment Content, v/v %	SRPS ISO 3734	<0,05	≤ 0,05
Склоност ка пенушању/стабилност пене, ml/ml Foaming tendency/stability, ml/ml	SRPS ISO 6247		
- Секвенца I на 24°C - I Sequence at 24°C		0/0	Max 20/0
- Секвенца II на 93.5°C - II Sequence at 93.5°C		10/0	Max 50/0
- Секвенца III на 24°C - III Sequence at 24°C		0/0	Max 20/0
TBN, mgKOH/g TBN, mgKOH/g	SRPS ISO 3771	7,7	≥ 5,3

Напомена/Note:

Производ испуњава захтеве стандарда G-ENERGY SUPER 10W-40.

Ово Уверење о квалитету је издато на основу извештаја о испитивању број:20030246 Научно-технолошког центра, лабораторије Downstream Нови Сад

The product meets the requirements of the standard of G-ENERGY SUPER 10W-40.

This Certificate of Analysis has been issued on the basis of the Test Report No: 20030246 from Scientific Tehnological Centar, Direction Laboratory Downstream Novi Sad.

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Уверење о квалитету
Certificate of Analysis

Шифра производа/Product code:
18178/03

Датум/Date: 20.01.2023

Менаџер за квалитет производа и сировина
Product and raw materials quality manager

Ово Уверење о квалитету је валидно без потписа јер је потврђено електронски.

This certificate has been validated by electronic data processing and is therefore not signed.

Произведено по поруџбини: "Lubricants Balkans d.o.o.", Владимира Поповића 38-40, 11000 Београд, Србија ; тел: +381 11 2058665

Manufactured under order of: Lubricants Balkans Ltd, 38-40 Vladimira Popovica str., Belgrade 11000, Serbia.; tel.: +381 11 2058665

Произвођач: НИС АД Нови Сад, Народног фронта 12, 21000 Нови Сад, Србија; тел: + 381 08 0000 8888

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Уверење о квалитету
Certificate of Analysis

Шифра производа/Product code:
 18195/01

Датум/Date: 26.01.2023

Назив производа/Product name:

G-ENERGY TURBO UNIVERSAL 15W-40

Шаржа/Batch: 30130-2621

Ниво квалитета/Quality level: API CD/SF

Карактеристика, јединица мере Characteristic, unit	Методе Methods	Резултати Results	Границе Limits
Изглед Appearance	VDM 12	Бистра вискозна течност Clear viscous liquid	Бистра вискозна течност Clear viscous liquid
Густина, 15°C, kg/m ³ Density at 15°C, kg/m ³	ASTM D 4052	879,9	Наводи се Read
Кинематска вискозност на 40°C, mm ² /s Kinematic Viscosity at 40°C, mm ² /s	SRPS ISO 3104	107,1	Очитана Read
Кинематска вискозност на 100°C, mm ² /s Kinematic Viscosity at 100°C, mm ² /s	SRPS ISO 3104	14,37	14,0-15,5
Индекс вискозности, Viscosity Index (IV),	SRPS ISO 2909	137	≥ 130
Вискозност CCV (-20 °C), mPas Viscosity CCV (-20 °C), mPas	ASTM D 5293	5581	≤ 7000
Тачка паљења, COC, °C Flash Point, COC, °C,	SRPS EN ISO 2592	234	≥ 215
Тачка течења, °C, Pour Point, °C,	SRPS ISO 3016	-39	≤ -24
Садржај воде и талога, v/v % Water and sediment Content, v/v %	SRPS ISO 3734	< 0,05	≤ 0,05
Испарљивост по Ноаку (1h, 250°C), m/m %, Volatility Loss by Noack (1h, 250°C), m/m%,	ASTM D 5800	10,1	≤ 15,0
Склоност ка пенушању/стабилност пене, ml/ml Foaming tendency/stability, ml/ml	SRPS ISO 6247		
- Секвенца I на 24°C - I Sequence at 24°C		0/0	Max 20/0
- Секвенца II на 93.5°C - II Sequence at 93.5°C		10/0	Max 50/0
- Секвенца III на 24°C - III Sequence at 24°C		0/0	Max 20/0
Сулфатни пепео, m/m % Sulphur ash, m/m%,	SRPS ISO 3987	1,07	≤ 1,5
TBN, mgKOH/g, TBN, mgKOH/g,	SRPS ISO 3771	8,6	≥ 8,0

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Уверење о квалитету
Certificate of Analysis

Шифра производа/Product code:
18195/01

Датум/Date: 26.01.2023

Напомена/Note:

Производ испуњава захтеве стандарда G-ENERGY TURBO UNIVERSAL 15W-40.

Ово Уверење о квалитету је издато на основу извештаја о испитивању број: 20028681&20030414 Научно-технолошког центра, лабораторије Downstream Нови Сад

The product meets the requirements of the standard of G-ENERGY TURBO UNIVERSAL 15W-40

This Certificate of Analysis has been issued on the basis of the Test Report No: 20028681&20030414 from Scientific Tehnological Centar, Direction Laboratory Downstream Novi Sad.

Менаџер за квалитет производа и сировина
Product and raw materials quality manager

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Manufacturer: NIS AD Novi Sad, 12 Narodnog fronta str., Novi Sad 21000, Serbia; tel.: + 381 08 0000 8888



HEXOL CA 2 STANDARD

GREASE

PRODUCT DESCRIPTION

HEXOL CA 2 Standard is a calcium-based general purpose, water resistant, lubricating grease. Produced from highly refined mineral oils and calcium thickener, with a well balanced additive package, it is suitable for lubricating points where, among water resistance, sealing ability is required, loads are moderate and the operating temperature does not exceed +60°C. Especially suitable for lubrication of pivots, joints in agriculture and industries where dust and water is typical.

PERFORMANCE FEATURES

- meets ISO 6743-9: L-X-BAHA 2; DIN 51502: K2C-20; NLGI 2 specifications;
- good water resistance;
- good lubricating characteristic;
- good sealing-ability;
- long-lasting corrosion protection.

APPLICATION

Suitable for lubricating points where, among water resistance, sealing ability is required and the operating temperature does not exceed +60°C. Recommended to be used with axles, joints, screw threads, small gear wheels and other mechanical parts exposed to water and dust.

PROPERTIES

Appearance	homogeneous
Dropping point [°C]	85
Penetration after 60 strokes at 25 °C [0,1 mm]	280
Corrosion at 100°C/24 h (steel)	pass
Corrosion at 60 °C/ 3 h (copper) [grade]	1
EMCOR test, distilled water [grade]	1

PACKAGING

<input checked="" type="checkbox"/> 0.4Kg	<input checked="" type="checkbox"/> 1Kg	<input checked="" type="checkbox"/> 4Kg	<input checked="" type="checkbox"/> 15Kg	<input checked="" 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 type="checkbox"/> 10L	<input type="checkbox"/> 20L	<input type="checkbox"/> 60L	<input type="checkbox"/> 208L	<input type="checkbox"/> 1000L

HEXOL INTERNATIONAL LTD

Certificate of analysis

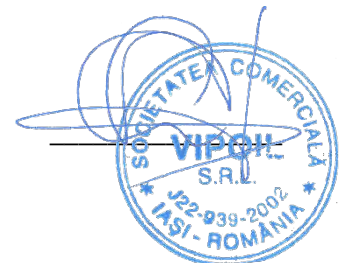
Certificate no.: **105**
Product: **MotoROil M10-G2k**
Date of issue: 30.01.2023
Date of sampling: 27.01.2023

Batch no.: **15**
Date of manufacture: 27.01.2023
Quantity: 24.00 mt

Typical Characteristics

Name	Test method	Value
Appearance	VL-TA-P-051	Clear and Bright
Density @15°C, g/cm ³	ASTM D4052	0.8882
Kinematic viscosity @40°C, mm ² /s ⁻¹	ASTM D445	101.6
Kinematic viscosity @100°C, mm ² /s ⁻¹	ASTM D445	11.57
Viscosity index	ASTM D2270	101
Flash Point °C	ASTM D92	244
Pour Point °C	ASTM D97	-27
Color	ASTM D1500	L2.5
TBN mg KOH/g	ASTM D2896	6.0

Head of laboratory



Product: MotoROil M10-G2k
Ref document: ST – 52 ED.1, REV. 2/2022
Date of issue: 30.01.2023

Certificate of conformity MotoROil M10-G2k

Supplier : SC VIPOIL SRL
Supplier Address : Chimiei nr. 14 street, Iasi County, Romania
Registration number at the Commerce Registry: J22 / 939 / 2022

VIPOIL S.R.L. as a producer registered at the Trade Register with No. J22 / 939 / 2002 with headquarters in Bd.Chimiei nr.14, Iasi 700293 Romania, we assure, guarantee and declare on our own responsibility, through the present document, that the product to which this declaration refers does not endanger life, health, safety at work, does not produce a negative impact on the environment and is in accordance with the specifications in the Safety Data Sheet.

The product complies with Regulation (EC) no. 765/2008 and Directive 2001/95/E, transposed into Romanian legislation by law no. 245/2004

Certificate of validity

The product MotoROil M10-G2k has a shelf life of 5 years from the date of manufacture, in compliance with the requirements for packaging, storage, transport and handling.

MotoROil M10-G2k is a motor oil formulated from high quality mineral oils with technologically advanced additives that ensure API CC performance level. Designed to provide effective lubrication of four-stroke, spark-ignition and compression engines with naturally aspirated or medium turbocharging, where the manufacturer recommends the use of an API CC oil according to the operating instructions

Hazard statements:

EUH 210 – Safety data sheet available on request

Precautionary statements:

P102 – Keep out of reach of children.

P501 - Dispose of contents / container to an approved waste disposal plant

S.C. VIPOIL S.R.L.,
Iasi, Bd, Chimiei, nr.14
Tel. 0232 254 153





Certificate of Conformity

No. 415/B / 10.03.2023

This is to confirm "HEXOL LI EP2 Complex Blue Longlife"
Has been formulated with accordance to the specification: ISO 6743-9: L-XCDEB 2, NLGI-2,
DIN 51502: KP2N-30
And manufactured by SC Hexol Lube SRL

Batch Number: 1/10.03.2023

Quantity: 75 x 4 Kg Bucket

Total: 300 Kg

Test Results and Characteristics

Characteristics	Unit	Specification	Measured value	Method
Appearance		blue	blue	Visual
Dropping point	°C	min. 260	275	ASTM D 445
Penetration after 60 strokes at 25°C	0.1mm	260 - 290	260	ASTM D 445
Corrosive effect on metals		pass	pass	STAS 55-81
Mass fraction of water	%	max. 0.06	0.03	STAS 35-81

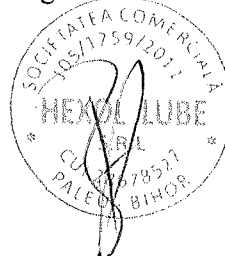
We declare that the product specified above are accordind with the specifications.

Do not modify or alterate this certificate.

Issued to
CALBOR GRUP SRL
CHISINAU
REPUBLICA MOLDOVA

Quality and Environmental Compliance Manager

Ing. Ilinca Rotaru





HEXOL LUBE SRL

ZONA METROPOLITANĂ ORADEA • RO28678527 • J05/1259/2011

PALEU • STR. ARDEALULUI NR.1A
COD 417166 • JUD. BIHOR • ROMÂNIA
TEL +40 259 454216 • +40 724 322992
FAX +40 259 428299 • eMAIL: oradea@hexol.com



URS is a member of Registrar of Standards (RoS) Ltd.
ISO 9001
REGISTERED FIRM



Certificate of Conformity

No. 415/B / 10.03.2023

This is to confirm "HEXOL LI EP2 Complex Blue Longlife"
Has been formulated with accordance to the specification: ISO 6743-9: L-XCDEB 2, NLGI-2,
DIN 51502: KP2N-30
And manufactured by SC Hexol Lube SRL

Batch Number: 1/10.03.2023

Quantity: 32 x 15 Kg Bucket

Total: 480 Kg

Test Results and Characteristics

Characteristics	Unit	Specification	Measured value	Method
Appearance		blue	blue	Visual
Dropping point	°C	min. 260	275	ASTM D 445
Penetration after 60 strokes at 25°C	0.1mm	260 - 290	260	ASTM D 445
Corrosive effect on metals		pass	pass	STAS 55-81
Mass fraction of water	%	max. 0.06	0.03	STAS 35-81

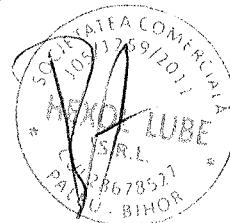
We declare that the product specified above are according with the specifications.

Do not modify or alterate this certificate.

Issued to
CALBOR GRUP SRL
CHISINAU
REPUBLICA MOLDOVA

Quality and Environmental Compliance Manager

Ing. Ilinca Rotaru



www.hexol.com



Certificate of Conformity

No. 445/A / 16.03.2023

This is to confirm "HEXOL LI CA2 Standard"
Has been formulated with accordance to the specification: ISO 6743-9: L-XCCEA 2, NLGI-2,
DIN 51502: K2H-30
And manufactured by SC Hexol Lube SRL

Batch Number: 1/16.03.2023

Quantity: 32 x 15 Kg Bucket

Total: 480 Kg

Test Results and Characteristics

Characteristics	Unit	Specification	Measured value	Method
Appearance		brown	brown	Visual
Dropping point	°C	min. 140	141	ASTM D 445
Penetration after 60 strokes at 25°C	0.1mm	265 - 295	275	ASTM D 445
Corrosive effect on metals		pass	pass	STAS 55-81
Mass fraction of water	%	max. 0.03	none	STAS 35-81

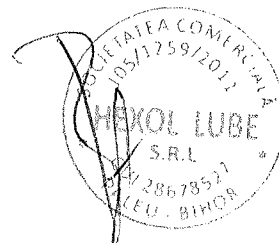
We declare that the product specified above are accordind with the specifications.

Do not modify or alterate this certificate.

Issued to
CALBOR GRUP SRL
CHISINAU
REPUBLICA MOLDOVA

Quality and Environmental Compliance Manager

Ing. Ilinca Rotaru



№	Наименование показателей	Нормы по ТР	Нормы по ГОСТ 10227-86 с ИЗМ. 1-8	Фактические значения	Методы испытаний
12	Объемная доля армирующего устройства, %	не более 25	не более 20	12	ГОСТ 10227
13	Коэффициент водопоглощения при 100°C в течение 1ч	не более 7	не более 4	7	ГОСТ 10227
14	Водопоглощение при 100°C в течение 1ч, %	не более 0,1	не более 0,10	0,09	ГОСТ 10227
15	Водопоглощение при нормальных условиях, %	не более 0,01	не более 0,007	0,005	ГОСТ 10227
16	Водопоглощение при 100°C в течение 1ч		экспертное	0,0	ГОСТ 10227
17	Водопоглощение при 100°C в течение 1ч		экспертное	0,0	ГОСТ 10227
18	Водопоглощение, %		не более 0,001	0,0	ГОСТ 10227
19	Среднее значение прочности на сжатие		экспертное	0,0	ГОСТ 10227
20	Среднее значение прочности на сжатие	экспертное	экспертное	0,0	ГОСТ 10227
21	Объемная доля армирующего устройства, %		не более 1,2	0,5	ГОСТ 10227
22	Коэффициент водопоглощения		не более 50	0,2	ГОСТ 10227
23	Водопоглощение с 200°C – значение водопоглощения, %		не более 1	1	ГОСТ 10227
	в течение 10 минут при 200°C, %		не более 1	1	ГОСТ 10227
24	Прочность на растяжение при разрыве	не более 10	не более 10	1	ГОСТ 10227
25	Прочность на растяжение при разрыве при температуре 100°C в течение 1ч	не более 30	не более 20	1	ГОСТ 10227
	при температуре 100°C, %	не более 1	не более 3	0	ГОСТ 10227

Примечание:

– Аккумуляторная батарея марки АТУ 50100107 05, % вод. 0,00000

– Прочность на растяжение, % вод. 0,0000

Замечание: Качество продукции соответствует ГОСТ 10227-86 с ИЗМ. 1-8 в техническому регламенту ТУ 6800-001-2016 и требованиям к аккумуляторной батарее, предъявляемым в соответствии с требованиями ТУ 6800-001-2016 для аккумуляторов, предназначенных для использования в составе систем АСУ ТП.

Изготовитель гарантирует соответствие качества продукции требованиям указанного стандарта в течение 3 лет со дня изготовления при соблюдении потребителем условий соответствия условиям хранения.

Исполнитель: ООО «ЛУКОЙЛ-Газонефтегаз» Главный инженер

ООО «ЛУКОЙЛ-Газонефтегаз» Б.И. Руднев

Начальник ИЛ Е.Л. Копытцева

Продирект И.И. Смирнов



ТОВ "АЗОВМАСТ"
 71114, Запорізька обл., м. Бердянськ,
 вул. Ярослава Мудрого/Потійська, 16/1,
 т./ф. (06153) 3-44-65
 azovmast@ukr.net

АЗОВМАСТ

Паспорт якості

Паспорт качества № 0103/2 від 01.03.2019

Масило Кранол
 ТУ У 13738828.001-97

Гарантійний строк придатності- 3 роки
 від дня виготовлення

№	Найменування показників	Норма по ГОСТ, ТУ	Фактично	Метод випробування
1	Зовнішній вигляд	Однорідна гладка мазь від жовтого до теміо-жовтого кольору	Однорідна гладка мазь жовтого кольору	По п.7.5. ТУ
2	Температура краплепадіння, °С, не нижче	60	70	ГОСТ 6793
3	Пенетрація при 25°С (без перемішування), мм 10 ¹ , в межах	35-70	45	ГОСТ 5346
4	Корозійна дія на метали	витримує	витримує	ГОСТ 9.080
5	Вміст води, %, не більше	3,5	1,0	ГОСТ 2477
6	Вміст механічних домішок, %, не більше	0,05	0,016	ГОСТ 6479

Примічання: Партія №1; дата виготовлення: лютого 2019р



Паспорт якості видав

АЗОВМАСТ

ПАСПОРТ №

ПАСПОРТ №

Жидкость гидравлическая Николоб 4020

Дата изготовления		СТО 52764037-008-2015
Почер партии		
Масса партии		

№ п/п	Наименование показателей	Нормы СТО	Данные анализа
1	Внешний вид	Прозрачная жидкость сине-зеленого цвета	Прозрачная жидкость сине-зеленого цвета
2	Плотность, при 20°С, кг/дм ³ , в пределах	0.860-0.866	0,862
3	Вязкость кинематическая, мм ² /с: при 40°С, в пределах при минус 60°С, не более	3.15-3.45 600	3.39 599
4	Температура застывания, °С, не выше	минус 70	минус 70
5	Температура вспышки, определяемая в закрытом тигле, °С, не ниже	130	155
6	Кислотное число, мг KOH на 1г, не более	0.30	отсутствие
7	Содержание водорастворимых кислот и щелочей	отсутствие	отсутствие
8	Содержание воды, %, не более	отсутствие	отсутствие
9	Содержание механических примесей, %, не более	отсутствие	отсутствие

Заключение: продукт соответствует СТО 52764037-008-2015

Генеральный директор

Начальник ОТК

Дата выдачи паспорта



SYNTHETIC REFRIGERATION LUBRICANTS

DESCRIPTION

NYCOLUBE 7000 series is composed of synthetic lubricants based on neopolyol esters.

They have been specifically designed for use in refrigeration systems working with hydrofluorocarbon (HFC) refrigerants (R134a, R404a, R407c, R410a, R507, R23...), traditional mineral oils and alkyl benzene based lubricants being not compatible with these refrigerants.

Their excellent thermal and hydrolytic stability, their miscibility at low temperature with HFC and their very good lubricity deliver excellent performance levels and energy efficiency to refrigeration systems.

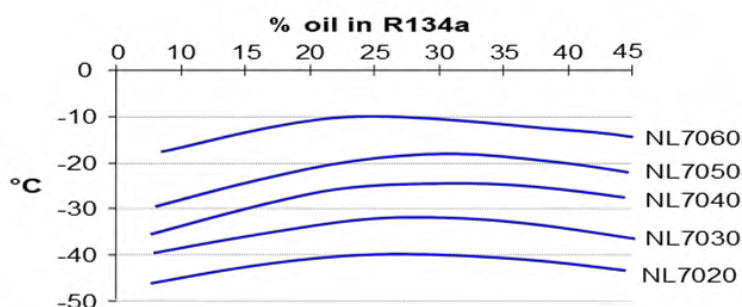
NYCOLUBE 7000 oils are available in several viscosity grades to suit a wide range of applications. Other grades can be developed to meet the requirements of specific refrigeration systems.

Summary of NYCOLUBE 7000 series

DESIGNATION	ISO VG	VISCOSITY @ 40°C mm ² /s	VISCOSITY @ 100°C mm ² /s	VISCOSITY INDEX	ACID NUMBER mg KOH/g	POUR POINT °C	FLASH POINT COC	WATER CONTENT ppm	MAIN APPLICATIONS
NYCOLUBE 7030	32	32	5.85	127	0.02	-57	254	< 50	Refrigeration compressors working with HFC refrigerants
NYCOLUBE 7040	46	46	7.25	119	0.02	-57	254	< 50	
NYCOLUBE 7050	68	68	9.1	109	0.02	-48	262	< 50	
NYCOLUBE 7060	100	95	11	98	0.01	-30	270	< 50	Reciprocating for the viscosity grade up to 68
NYCOLUBE 7461	100	103	11.2	94	0.05	-27	270	<50	Screw compressor for the higher viscosities grades
NYCOLUBE 7471	150	150	16.0	112	0.05	-30	275	< 50	
NYCOLUBE 7481	220	232	23.3	124	0.06	-30	270	< 50	

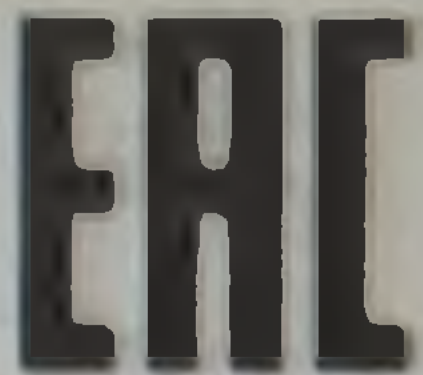
Miscibility with R134a

The miscibility curves of NYCOLUBE 7020 to 7060 have been established. Lubricant and refrigerant are totally miscible above curves, and separate into 2 phases underneath the curves.



The values above are typical values. They do not constitute any contractual commitment.

Sales specifications are available on request. The present technical data sheet replaces all the previous edition.



ЕВРАЗИЙСКИЙ ЭКОНОМИЧЕСКИЙ СОЮЗ ДЕКЛАРАЦИЯ О СООТВЕТСТВИИ

Заявитель: Общество с ограниченной ответственностью «Тектрон», ОГРН: 1025004905496.
Место нахождения: Россия, 141201, Московская область, город Пушкино, Ярославское шоссе, дом 1А. **Телефон:** +74959933061, **Адрес электронной почты:** Standart@Delfinruya.com.

в лице генерального директора Бойчука Василия Григорьевича

заявляет, что Смазка LITOL-24; Смазка SOLIDOL; Смазка SOLIDOL synthetic; Смазка SHRUS-4; Смазка GRAFTNAYA

изготовитель Общество с ограниченной ответственностью «Тектрон», **Место нахождения:** Россия, 141201, Московская область, город Пушкино, Ярославское шоссе, дом 1А.

Код ТН ВЭД ЕАЭС 2710199800, Серийный выпуск, ТУ 19.20.29-214-04001396-2017 «Смазки пластичные»

соответствует требованиям

ТР ТС 030/2012 "О требованиях к смазочным материалам, маслам и специальным жидкостям"

Декларация о соответствии принята на основании

Протоколы испытаний № 39-серт/д, № 40-серт/д, № 41-серт/д, № 42-серт/д, № 43-серт/д от 06.03.2017г., испытательной лаборатории Общества с ограниченной ответственностью «Глобал Ресеч», аттестат аккредитации № РОСС RU.0001.21АЛ35.

Дополнительная информация

Хранение по ГОСТ 1510-84. Условия хранения: хранить в таре изготовителя в крытых складских помещениях, предохраняя от попадания солнечных лучей и атмосферных осадков. Гарантийный срок хранения – 5 лет с даты изготовления.

Схема декларирования: 1д.

Декларация о соответствии действительна с даты регистрации по 17.04.2020 включительно



Василий Григорьевич Бойчук

(инициалы и фамилия руководителя организации-заявителя или физического лица, зарегистрированного в качестве индивидуального предпринимателя)

Сведения о регистрации декларации о соответствии:

Регистрационный номер декларации о соответствии: ЕАЭС N RU Д-RU.НП02.В.00217

Дата регистрации декларации о соответствии: 18.04.2017

Gazpromneft GL-5 80W-90

Automotive gear oil



Mechanical transmissions



Drive axles



High EP properties



Mineral

Gazpromneft GL-5 80W-90 is high performance gear oil designed for transmission components used in both on-highway and off-highway applications. It is formulated from high quality mineral base oils and an advanced additive package to provide excellent shifting performance, good low temperature fluidity, and high temperature viscosity retention.

Applications



- Passenger cars, busses, on-highway trucks and commercial vehicles
- Off-highway industries including: construction, mining, quarrying, and agriculture
- Heavy duty axles and final drives requiring API GL-5 level performance
- Constant mesh and steel synchro-mesh manual gearboxes
- Transfer gearboxes and power take-offs

Features	Advantages and Potential Benefits
Robust EP performance	Protection from gear scuffing and wear
Reliable share stability	Ensure consistent viscosity throughout fluid service life
Thermal and oxidation stability	Reducing oil thickening, sludge, and varnish formation due to high operation temperatures to assure extended gear life
Low temperature fluidity	Wear protection during cold starts
Protection against corrosion	Preventing corrosion for increased equipment protection and equipment life
Wear protection	Excellent wear protection at high temperatures due to viscosity retention

Approvals	Meets the requirements	Recommendations
<ul style="list-style-type: none"> • ZF TE-ML 05A, 12E, 16B, 17B, 19B, 21A • AVTOVAZ 	<ul style="list-style-type: none"> • MAN 342 Type M2 • Scania STO 1:0 • ZF TE-ML 07A, 08, 16C, 16D 	<ul style="list-style-type: none"> • API GL-5

Typical Characteristics

Properties	Method	Gazpromneft GL-5 80W-90
SAE Viscosity Grade	SAE J306	80W-90
Kinematic Viscosity @100°C, mm ² /s	ASTM D445	14,3
Brookfield @-26°C, mPa·s	ASTM D2983	120 000
Flash Point (COC), °C	ASTM D92	230
Pour Point, °C	ASTM D97	-32
Density @15°C, kg/m ³	ASTM D4052	897
Tribological characteristics, Four-Ball Method: Load-wear index, N Weld point, N	ASTM D2783	656 4900

Health, Safety & Environment

Information is provided for products in the relevant Safety Data Sheet (SDS). This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products. SDS's are available upon request through your sales contract office. This product should not be used for purposes other than its intended use.



VIPOIL Industrial I20-A

Ulei industrial

Ulei industrial fără aditivi pentru lubrifierea generală a instalațiilor industriale. Fabricat din uleiuri de bază rafinate cu solvent, asigură eficiența sistemului pentru mașinile industriale și mecanismele care nu necesită protecție suplimentară împotriva oxidării sau coroziunii.

APLICATII

Conceput ca fluid de lucru in sistemele generale ale instalatiilor industriale.

NORME

ISO VG 32
ISO 11158 HH

Cincinnati P-68

SPECIFICATII TEHNICE

Proprietate		Metoda	Valoare
Densitate @ 15°C	kg/m ³	ASTM D4052	875
Viscozitate Cinematica @ 40°C	mm/s ²	ASTM D445	32
Viscozitate Cinematica @ 100°C	mm/s ²	ASTM D445	5,3
Indice de viscozitate		ASTM D2270	96
Punct de inflamabilitate	°C	ASTM D92	215
Punct de curgere	°C	ASTM D97	-15

*Aceste caracteristici sunt tipice productiei actuale. Valorile proprietatilor pot varia in timp.

Acest produs nu provoaca efecte adverse atunci cand este folosit in scopurile propuse. Fisa cu Date de Securitate este disponibila la cerere.

VIPOIL SRL

14 Bulevardul Chimiei, Iasi, 700293 Romania
Tel+4 (0) 232-254-153

www.vipoil.ro



VIPOIL MotoROil M-8B

Ulei motor

Uleiul de motor conceput din uleiuri minerale de calitate superioară cu aditivi avansați tehnologic care asigură nivelul de performanță API CB.

APLICATII

Conceput asigură o lubrifiere eficace a motoarelor în patru timpi, cu aprindere prin scânteie și prin comprimare cu admisie naturală sau cu supraalimentare medie, unde producătorul recomandă utilizarea unui ulei API CB conform instrucțiunilor de exploatare

BENEFICII

Formularea pe baza de uleiuri rafinate de calitate înaltă și un pachet de aditivi performant, asigură o stabilitate termică bună, protecție sporită împotriva uzurii și a formării depunerilor, protecție îmbunătățită împotriva coroziunii și o fluiditate bună la temperaturi scăzute.

NORME

SAE 20
API CB

SPECIFICATII TEHNICE

Proprietate		Metoda	Valoare
Densitate @ 15°C	kg/m ³	ASTM D4052	885
Viscozitate Cinematica @ 40°C	mm/s ²	ASTM D445	62
Viscozitate Cinematica @ 100°C	mm/s ²	ASTM D445	8,2
Indice de viscozitate		ASTM D2270	100
Punct de inflamabilitate	°C	ASTM D92	230
Punct de curgere	°C	ASTM D97	-32
TBN		ASTM D2896	6

*Aceste caracteristici sunt tipice producției actuale. Valorile proprietăților pot varia în timp.

Acest produs nu provoacă efecte adverse atunci când este folosit în scopurile propuse. Fișa cu Date de Securitate este disponibilă la cerere.

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