



LUBRICANTS
COMPANY

Bulevardul Chimiei 14, 700293 Iasi, Romania

Tel: 0040 232 254153 / 0040 723 141170

Email: info@vipoil.ro

Certificate of analysis

Certificate no.: **4297**

Product: **I-20**

Date of issue: 26.03.2024

Batch no.: 55

Date of manufacture: 26.03.2024

Typical Characteristics

Name	Test method	Value
Appearance	VL-TA-P-051	Clear and Bright
Density @15°C, g/cm ³	ASTM D4052	0.8740
Kinematic viscosity @40°C, mm ² /s ⁻¹	ASTM D445	30.77
Kinematic viscosity @100°C, mm ² /s ⁻¹	ASTM D445	5.24
Viscosity index	ASTM D2270	100
Flash Point °C	ASTM D92	215
Pour Point °C	ASTM D97	-12
Color	ASTM D1500	1.5
TBN mg KOH/g	ASTM D2896	0.8

Head of laboratory





Certificate of analysis

Certificate no.: **4288**
Product: **HLP 46**
Date of issue: 25.03.2024

Batch no.: 55
Date of manufacture: 25.03.2024

Typical Characteristics

Name	Test method	Value
Appearance	VL-TA-P-051	Clear and Bright
Density @15°C, g/cm ³	ASTM D4052	0.8788
Kinematic viscosity @40°C, mm ² /s ⁻¹	ASTM D445	43.81
Kinematic viscosity @100°C, mm ² /s ⁻¹	ASTM D445	6.52
Viscosity index	ASTM D2270	98
Flash Point °C	ASTM D92	225
Pour Point °C	ASTM D97	-27
Color	ASTM D1500	2.5

Head of laboratory





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Certificate of analysis

Certificate no.: **4286-1**
Product: **MotoROil M10-G2k**
Date of issue: 26.03.2024

Batch no.: 55
Date of manufacture: 26.03.2024

Typical Characteristics

Name	Test method	Value
Appearance	VL-TA-P-051	Clear and Bright
Density @15°C, g/cm ³	ASTM D4052	0.8913
Kinematic viscosity @40°C, mm ² /s ⁻¹	ASTM D445	113.67
Kinematic viscosity @100°C, mm ² /s ⁻¹	ASTM D445	12.04
Viscosity index	ASTM D2270	95
Flash Point °C	ASTM D92	235
Pour Point °C	ASTM D97	-18
Color	ASTM D1500	L2.5
TBN mg KOH/g	ASTM D2896	6.0

Head of laboratory



НИС а.д. Дивизија Downstream / NIS j.s.c. Downstream Division

Погон за производњу и логистику уља и мазива /

Lubricants production and logistics plant

УВЕРЕЊЕ О КВАЛИТЕТУ Certificate of Analysis

Број/Number: SP-04.07.65-019/20

Датум/Date: 31.10.2023

Назив производа/Product: **NISOTEC FAVORIT SAE 15W- 40**

Шаржа/Batch: 31757-3283

Ниво квалитета/Quality level: ACEA E7-16, API CI-4/CH-4/CG-4/CF-4/CF/SL, MB-Approval 228.3, MAN M3275, VOLVO VDS-3 Approved, MTU Type 2, Renault Truck VI RLD-2 Approved, Cummins CES 20076/20077/20078, Caterpillar ECF-2/1a, Detroit Diesel DDC 93K215, Deutz DQC III-10, Mack EO-M Plus, Mack EO-N Approved

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	886,1	Наводи се Read
Кинематска вискозност на 40°C, mm ² /s Kinematic Viscosity at 40°C, mm ² /s	SRPS ISO 3104	109,1	Очитана Read
Кинематска вискозност на 100°C, mm ² /s Kinematic Viscosity at 100°C, mm ² /s	SRPS ISO 3104	14,75	14,0-15,0
Индекс вискозности Viscosity Index (IV)	SRPS ISO 2909	140	≥ 138
Испарљивост по Ноаку (1h, 250°C), m/m % Volatility Loss by Noack (1h, 250°C), m/m %	ASTM D 5800	13,0	≤ 13
Вискозност CCS (-20 °C), mPas Viscosity CCS (-20 °C), mPas	ASTM D 5293	6265	≤ 7000
Сулфатни пепео, m/m % Sulphur ash, m/m %	SRPS ISO 3987	1,39	≤ 1,5
Тачка паљења, COC, °C Flash Point, COC, °C	SRPS EN ISO 2592	220	≥ 215
Тачка течења, °C Pour Point, °C	SRPS ISO 3016	-42	≤ -27
Садржај воде и талога, v/v % Water and sediment Content, v/v %	SRPS ISO 3734	< 0,05	≤ 0,05
Склоност ка пенишању/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		0/0	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	10,6	≥ 10,0



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Certificate of analysis

Certificate no.: **1351**
Product: **MotoROil M-10DM**
Date of issue: 13.09.2023

Batch no.: **171**
Date of manufacture: 13.09.2023

Typical Characteristics

Name	Test method	Value
Appearance	VL-TA-P-051	Clear and Bright
Density @15°C, g/cm ³	ASTM D4052	0.8924
Kinematic viscosity @40°C, mm ² /s ⁻¹	ASTM D445	107.61
Kinematic viscosity @100°C, mm ² /s ⁻¹	ASTM D445	11.54
Viscosity index	ASTM D2270	94
Flash Point °C	ASTM D92	240
Pour Point °C	ASTM D97	-27
Color	ASTM D1500	3
TBN mg KOH/g	ASTM D2896	8.5

Head of laboratory





HEXOL LUBE SRL

ZONA METROPOLITANĂ ORADEA • RO28678527 • J05/1259/2011

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ISO 9001
REGISTERED FIRM



Certificate of Conformity

Invoice Number: 849/30.03.2022

This is to confirm "HEXOL TURBODIESEL 15W40"
Has been formulated with accordance to the specification: API Service SG/CF-4, ACEA 3/B4, ACEA E2, VW 500.00, 501.01, 505.00, MB 229.1, VOLVO VDS, MAN 271, RENAULT RN0700, FORD WS-M2, FIAT 9.55535-D2, PSA B71 2295
And manufactured by SC Hexol Lube SRL

Test Results and Characteristics

Characteristics	Unit	Specification	Measured value	Method
Appearance		bright, clear	bright, clear	Visual
Kinematic viscosity at 40 °C	mm ² /s	105 - 113	110.57	ASTM D 445
Kinematic viscosity at 100 °C	mm ² /s	12.5 - 16.3	14.8	ASTM D 445
Viscosity index		min. 134	138	STAS 55-81
Density at 20 °C	g/cm ³	max. 0.8818	0.8636	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





Vipoil Kinematic Pro 10W-40 SL/CF

Engine Oil

DESCRIERE

Vipoil Kinematic Pro 10W-40 SL/CF este un ulei de motor multigrad, formulat din uleiuri de baza semi sintetice si un pachet de aditivi performant care ofera o protectie superioara impotriva uzurii, protejeaza impotriva coroziunii, asigura performante optime in conditii diferite de exploatare, curata si disperseaza eficient depunerile si asigura nivelul de performanta API SL/CF.

SPECIFICATII

SAE 10W-40
API SL/CF

APLICATII

Este recomandata utilizarea la vehiculele echipate cu motoare pe benzina sau diesel, ale autoturismelor, autovehiculelor comerciale, autoutilitarelor cu turbocompresor si convertor catalitic dar si la alte utilaje ale caror motoare solicita clasa de vascozitate SAE 10W-40.

BENEFICII

- Stabilitate foarte buna impotriva oxidarii
- Stabilitate foarte buna impotriva depunerilor
- Durata de exploatare extinsa (LongLife)
- Pornire usoara la temperature scazute

PROPRIETATI TIPICE

Caracteristici	Metoda de test	Valori
Densitate la 15°C, g/cm ³ , max.	ASTM D4052	0.875
Viscozitate cinematica la +40°C, mm ² /s ¹ .	ASTM D445	100.0
Viscozitate cinematica la +100°C, mm ² /s ¹ .	ASTM D445	14.5
Indice de viscozitate, min.	ASTM D2270	150
Punct de inflamabilitate °C, min.	ASTM D92	220
Punct de curgere °C, min.	ASTM D97	-42
Cifra de bazicitate TBN, mg KOH/g.	ASTM D2896	7.3

* These values are informative. Variations of these characteristics may occur.

This lubricant does not present a particular danger if it is used according to our recommendations and according to the purpose for which it was produced. The security sheet according to the European legislation in force can be obtained on request.



GAZPROMNEFT LUBRICANTS ITALIA SPA

Stabilimento di Bari

Via Bitritto Km 7,800

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WWW.GAZPROM-NEFT.IT

Sede Legale:

Via Francesco Benaglia, 13

00153 ROME RM - ITALY

Certificate of Analysis N. 33342Product: **G-PROFI MSJ 5W-30**

Corporate Code	02 5313 0117	Local Code	GNB2020
Batch	200000479	Date	24-Jun-2020
Quantity		Sampling Date	24-Jun-2020
Delivery Date		Shelf life (Months)	60

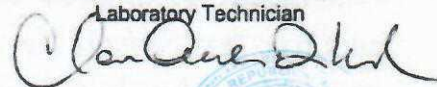
Characteristics	Method	UOM	Min	Max	Target	Analysis Result
Flash Point COC	ASTM - D92	°C	200		226	226
Total Base Number	ASTM - D2896	mgKOH/g	9.0		9.7	9.6
Appearance	INT - VISUAL	none			BRIGHT & CLEAR	bright & clear
Viscosity index	ASTM - D2270	nuom			165	164
Pour Point	ASTM - D97	°C		-39	-42	-42
Apparent Viscosity, CCS -30°C	ASTM - D5293	mPa·s		6600	6100	6150
Density, 15°C	ASTM - D1298	kg/m3			855	854.3
Phosphorus	ASTM - D7751	mass %	0.07	0.08	0.075	0.074
Zinc	ASTM - D7751	mass %	0.07	0.09	0.08	0.073
Calcium	ASTM - D7751	mass %	0.22	0.26	0.24	0.23
Kinematic Viscosity, 100°C	ASTM - D445	mm²/s	11.0	12.4	11.5	11.34

Notes:

Gazpromneft Lubricants Italia S.p.A.

Maria Antonietta De Leonibus

Laboratory Technician

S.p.A. con unico socio - Cap. Soc. € 2.580.000 i.v. C.F. e registro Imprese di Roma 07338340586 - P. IVA 01751251008
Società soggetta all'attività di direzione e controllo della Gazpromneft Lubricants Ltd.

Mod. PQ10/02/2b, rev. 7, 18/05/10



SAFETY DATA SHEET

according to Commission Regulation (EC) No 1907/2006,
Article 31, Annex II as amended

Page 7 of 12
Version: 2
Date of revision: 1.04.2021.
Date of 1st version: 1.07.2020.

GAZPROMNEFT X HYDRO HLP-32

Upper/lower ignition or explosion limit:	not determined
Vapour pressure:	not determined
Vapour density:	not determined
Relative density:	871 kg/m ³ at 15°C (ASTM D4052)
Solubility:	not soluble in water
Partition coefficient: n-octanol/water:	not available
Autoignition temperature:	not determined
Thermal decomposition:	not determined
Viscosity:	32 mm ² /s at 40°C (ISO 3104) 5.4 mm ² /s at 100°C (ISO 3104)
Explosive properties:	not explosive
Oxidizing properties:	not oxidizing

9.2. Other information

Pour point: ≤ -18°C (ISO 3016)

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

No reactivity hazard is expected under recommended handling and storage conditions.

10.2 Chemical stability

Stable under recommended handling and storage conditions.

10.3 Possibility of hazardous reactions

Hazard reactions will not occur under recommended handling and storage conditions.

10.4. Conditions to avoid

Avoid exposure to high temperatures, open flame, sparks, and other ignition sources, storing with incompatible substances.

10.5. Incompatible materials

Strong oxidizing agents.



