

"Gazpromneft-lubricants" Office 40, 14/3 Krzhizhanovskogo Street, Moscow, Russia, 117218



CERTIFICATE OF ANALYSIS № 4603

Engine oil for cars and tractors M-10DM,
GOST 8581 revision 1-11 OKPD2 19.20.29.110
The declaration of conformity
EEU № RU Д-РУ.НХ10.В.02666 by 29.03.2021



Management system of the company is certified for compliance the standards
ISO 9001:2015, ISO 14001:2015, OHSAS 1800:2007.

Reservoir: E-5
Batch № 1820024701
Date of produced: 28.07.18

Package: drum 205l
Date of packing: 19.09.18

Quantity, t: 44,16
Quantity, p: 240
Date of produced/analyses: 19.09.18

Characteristics	Test Method	TR of the Customs Union limit	STO limit	Analysis result *
Kinematic Viscosity at 100 °C, mm ² /s, min	GOST 33	-	11,4	13,9
Viscosity Index, min	GOST 25371	-	90	90
Mechanical impurities, wt %	GOST 6370 GOST 8581	0,03	0,025	0,009
Water content, wt %, max	GOST 2477	-	traces	traces
Flash Point, COC, °C, min	GOST 4333	135	220	248
Pour Point, °C, max	GOST 20287	-	minus 18	minus 18
Lead Corrosion, g/m ²	GOST 20502	-	absence	absence
Total Base Number, mg KOH/g, min	GOST 11362	-	8,2	8,6
Sulfated Ash, wt %, max	GOST 12417	-	1,5	1,4
Stabilization by inductive period of sedimentation, 60 hours	GOST 11063	-	pass	pass
Color (CNT Color Scale), dilution rate 15:85, max	GOST 20284	-	3,5	2,5
Density at 20 °C, kg/m ³ , max	GOST 3900	-	0,905	0,889
Content of elements, %:				
calcium, min	GOST 13538	-	0,30	0,332
zinc, min	GOST 13538	-	0,09	0,098
phosphorus, max	GOST 9827	-	0,12	0,087
Self-ignition point, °C, min	GOST 12.1.044	165	-	375

* - according to the COA of manufacturer 30 date 30.07.2018

Conclusion: Engine oil for cars and tractors M-10DM The product meets the requirements of Technical regulations of the Customs Union 030/2012 and GOST 8581 revision 1-11

Shelf life 5 years from date of manufacture.

Sampling conditions - under GOST 2517-2012.

Storage conditions - product should be stored in covered storehouse facilities, protected against direct sunlight and atmospheric precipitations (under GOST 1510-84).

Manufacturer: JSC "Slavneft-YANOS" 130b, Moskovsky prospect, Yaroslavl, 150023, Russia. Manufactured on request: "Gazpromneft-lubricants", Ltd.

Representative by proxy (proxy № 01-118/ю-д) Zhigalko E.M.

Date of issuance: 20.09.2018



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ВЕРНА

КОПИЯ ВЕРНА