



CERTIFICATE OF ANALYSES № 3672

Engine Oil SAE 40 API CC

STO 84035624-084-2024

Management system of the company is certified for compliance the standards
ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

Date of manufacture: 04.05.2025

Sampling date: 04.05.2025

Test date: 04.05.2025

	Indicator name	Test method	TR of the CU Limit	ND Limit	Analyses result
1	Kinematic viscosity at 100°C, mm ² /c in range	GOST 33	-	14.00-16.00	15.32
2	Total Base number, mg KOH/g, min	GOST 11362	-	6.0	6.4
3	Sulfated Ash, wt%, max	GOST 12417	-	1.65	1.15
4	Mechanical impurities, wt %	GOST 6370	0.03	0.015	absence
5	Water content, wt%, max	GOST 2477	-	traces	traces
6	Pour Point, °C max	GOST 20287	-	Minus 9	Minus 22
7	Flash Point COC, °C, min	GOST 4333	135	210	262
8	Content of elements, wt%, in range Calcium Zinc	GOST 33305	-	0.24-032	0.27
			-	0.05-0.08	0.07
9	Density at 20 °C, kg/m ³	GOST R 57037	-	N/A	892.0
10	Density at 15 °C, kg/m ³	GOST R 57037	-	N/A	895.1
11	Appearance	Visual	-	Bright and clear liquid without foreign substances	Bright and clear liquid without foreign substances
12	Self-ignition point, °C, min	GOST 12.1.044	165	165	343

(1)

Conclusion: the product meets the requirements of the Technical Regulations of the Customs Union (TR CU 030/2012) "On the requirements for lubricants, oils and special liquids", and STO 84035624-084-2024.

Additional information:

The value of the indicator according to clause 9 is guaranteed by the production technology and is determined when declaring compliance with the requirements of TR CU 030/2012 (note 2 to table 2. clause 5.2 of 84035624-2012 amendment 1-5 with amendment 1) Carefully. Flammable viscous liquid. In case of contact with eyes, it irritates the mucous membrane; with prolonged periodic exposure, it can cause irritation and dry skin. When administered intragastrical, less harmful. Has a skin-resorptive effect. When working, it is necessary to use personal protective equipment in accordance with standard standards approved in accordance with the established procedure, and also observe the rules of personal hygiene. More complete information on safe handling can be found in the safety data sheet.

The guaranteed shelf life is 5 years from the cotton wool of manufacture, provided that the consumer complies with the conditions of transportation and storage.

ANNEX to CERTIFICATE OF ANALYSES № 3672
Engine Oil SAE 40

	Indicator name	Test method	Actual values/Result
1	Fractional composition: -boiling point, °C -distilled to a temperature of 250 °C, % vol. -distilled to a temperature of 300 °C, % vol. -distilled to a temperature of 350 °C, % vol.	ISO 3405 (equivalent to ASTM D 86) ¹⁾	Cannot be determined ²⁾
2	Temperature at which 65% of voluminous oil fractions or less voluminous oil fractions (including losses) distilled	ISO 3405 (equivalent to ASTM D 86) ¹⁾	Cannot be determined ²⁾
3	Sulfate ash content, % by weight	ISO 3987 (equivalent to GOST 12417)	1.2
4	Saponification index, mg KOH/g	ISO 6293-1/2 (GOST 17362)	Less than 2
5	Pour point, °C	ISO 3016 (GOST 20287 method A)	-18
6	Colorimetric characteristic (K) in solution, units ASTM	ISO 2049 (equivalent to ASTM D 1500)	<0.5
7	Kinematic viscosity at 50 °C, mm ² /s	EN ISO 3104 (GOST 33)	95,47
8	Kinematic viscosity at 100 °C, mm ² /s	EN ISO 3104 (GOST 33)	15,32
9	Viscosity index	GOST 25371 or ASTM D2270	93

Additional information:

- 1) Method is intended to determine the fractional composition of light and middle distillates and is not applicable to oils
- 2) Boiling point and distillation percentage cannot be determined correctly because when heated at atmospheric pressure, the product begins to decompose

Date of Certificate of Analyses № 3672 dated 04.05.2025

Representative by proxy No D-73

ALTRON
NEFT