

LLC «JV YUKOIL»

48A Ivana Pulyuya str., Bila Tserkva, Kyiv region, Ukraine, 09100

Hot-line: +38 (0) 800 60 5555

Tel: +38 (061) 222 80 25 (laboratory)

State register No. 31852954



Testing laboratory of JV "YUKOIL" LLC is certified for carrying out tests of quality parameters of petroleum products, technical fluids and lubricants. Certificate of technical competence recognition № AB 83-21 dated 16.11.2021 is issued by the State-owned enterprise "ZAPORIZHYASTANDARTMETROLOGIA", valid till 16.11.2024

## Quality Certificate No 07017.01.01.1

### Engine oil YUKO DYNAMIC 15W-40

Manufacturer JV YUKOIL LLC

Packed by JV YUKOIL LLC

Viscosity grade: **SAE 15W-40**

Quality Index: **API SG/CD**

Production date: February 2023

Package: canister 5L PE

Batch No: 07017.13.02.23.01.



№	Test	Norm	Result	Test method
1	Density at 20°C, kg/m <sup>3</sup> , not more than	910	862,8	ASTM D1298
	Kinematic viscosity at 100°C, mm <sup>2</sup> /s	12,5 - 16,3	14,82	ASTM D445
3	Viscosity index, not less than	125	155	ASTM D2270
4	Open cup flash point, °C, not less than	205	230	ASTM D92
5	Pour point, °C, not high than	minus 32	minus 32	ASTM D97
6	Mass fraction of mechanical impurities, %, not more than	0,015	0,013	GOST 6370
7	Water content, %, not more than	traces	traces	GOST 2477 or ASTM D95
8	TBN, mg KOH/g, not less than	6,5	8,25	ASTM D4739 or ASTM D2896
13	Color on colorimetr, in diluted ratio 15:85, not more than	4,5	1,5	ASTM D1500
9	Sulphated ash, %, not more than	1,3	1,07	DSTU ISO 3987 or ASTM D874
12	Mass fraction of active elements, %, not less than:			GOST 13538 or ASTM D6481 or ASTM D6443 or ASTM D4927
	Calcium content, %, not less	0,25	0,270	GOST 13538 or ASTM D6481 or ASTM D6443 or ASTM D4927
	Zinc content, %, not less	0,09	0,098	GOST 13538 or ASTM D6481 or ASTM D6443 or ASTM D4927
11	CCS, mPa*s, not more than			DSTU 8349 or ASTM D5293
	CCS at minus 20°C		6 895	DSTU 8349 or ASTM D5293
10	Corrosion on plates of the copper and steel	pass	pass	GOST 2917 or ASTM D130

Result: the product quality meets the standard of TY Y 19.2-31852954-115:2021

seal

Head of Quality Assurance Department

WEB: [www.yuko.eu](http://www.yuko.eu)

Hot-line: +38 (0) 800 60 5555

E-mail: [support@yukoil.com](mailto:support@yukoil.com)

Tel.: +38 (061) 222 80 32

Member of:



