

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 08096.01.01.1

Engine oil YUKO SYNTHETIC 5W-40

Manufacturer JV YUKOIL LLC

Packed by JV YUKOIL LLC

Viscosity grade: **SAE 5W-40**Quality Index: **API SN/CF, ACEA A3/B4**

Production date: February 2023

Package: canister 4L tin

Batch No: 08096.24.02.23.01.



№	Test	Norm	Result	Test method
1	Density at 20°C, kg/m³, not more than	910	852,9	ASTM D1298
2	Kinematic viscosity at 100°C, mm²/s	12,5 - 16,3	12,83	ASTM D445
3	Viscosity index, not less than	140	153	ASTM D2270
4	Open cup flash point, °C, not less than	205	215	ASTM D92
5	Pour point, °C, not high than	minus 35	minus 40	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	ASTM D95
8	Color on colorimetr, in diluted ratio 15:85, not more	4,5	1,5	ASTM D1500
9	TBN, mg KOH/g, not less than	9,0	9,88	ASTM D4739 or ASTM D2896
10	Mass fraction of active elements, %, not less than:			ASTM D6481 or ASTM D6443 or ASTM D4927
	- calcium	0,3	0,324	
	- zinc	0,11	0,122	
11	Sulphated ash, %, not more than	1,5	1,28	ASTM D874
12	CCS, mPa*s, not more than			ASTM D5293
	- at minus 30°C	6600	5 687	ASTM D5293

Result: the product quality meets the standard of TU U 19.2-31852954-029:2020

seal

Head of Quality Assurance Department

WEB: www.yuko.eu**Hot-line:** +38 (0) 800 60 5555**E-mail:** support@yukoil.com**Tel.:** +38 (061) 222 80 32

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