

LLC «JV YUKOIL»

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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 33044.01.01.1

Engine oil YUKO MAX SYNTHETIC 5W-30

Manufacturer JV YUKOIL LLC

Packed by JV YUKOIL LLC

Viscosity grade: **SAE 5W-30**

Quality Index: **API SP, ILSAC GF-6A**

Production date: August 2021

Package: canister 5L PE

Batch No:33044.17.08.21.01.



No	Test	Norm	Result	Test method
1	Density at 20°C, kg/m ³ , not more than	900	853,5	ASTM D1298
2	Kinematic viscosity at 100°C, mm ² /s	9,3 - 12,5	11,49	ASTM D445
3	Viscosity index, not less than	140	155	ASTM D2270
4	Open cup flash point, °C, not less than	200	230	ASTM D92
5	Pour point, °C, not high than	minus 33	minus 33	ASTM D97
6	Mass fraction of mechanical impurities, %, not more than	absence	absence	GOST 6370
7	Water content, %, not more than	traces	traces	GOST 2477 or ASTM D95
8	TBN, mg KOH/g, not less than	8,0	9,95	ASTM D4739 or ASTM D2896
9	Sulphated ash, %, not more than	1,6	1,30	DSTU ISO 3987 or ASTM D874
10	Corrosion on plates of the copper and steel	pass	pass	GOST 2917 or ASTM D130
11	CCS, mPa*s, not more than			DSTU 8349 or ASTM D5293
	CCS at minus 30°C	6600	6 600	DSTU 8349 or ASTM D5293
12	Mass fraction of active elements, %, not less than:			GOST 13538 or ASTM D6481 or ASTM D6443 or ASTM D4927
	Calcium content, %, not less	not normalized, must be determined		GOST 13538 or ASTM D6481 or ASTM D6443 or ASTM D4927
	Zinc content, %, not less	0,05	0,062	GOST 13538 or ASTM D6481 or ASTM D6443 or ASTM D4927
13	Color on colorimetr, in diluted ratio 15:85, not more than	5,0	1,5	ASTM D1500

Result: the product quality meets the standard of TU U 19.2-31852954-115:2021

seal

Head of Quality Assurance Department

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