

CERTIFICATE OF ANALYSIS № 504

Motor oil M-10G2K

GOST 8581-78 zm.1-10

Batch № 504

Manufacturing date: 26.09.24 Batch net weight: 12 t

Product Characteristics

№	Characteristics and units	Standard limits	Actual	Test method
1	Kinematic viscosity at 100°C, cSt, in range	10,5-11,5	10,63	DSTU GOST 33
2	Viscosity Index, not lower than	85	134	DSTU GOST 25371
3	Total base number, mg KOH per 1 g, not lower than	6	6,51	GOST 11362
4	Sulfated ash, %, not lower than	1,15	0,9	GOST 12417
5	Flash point (COC), °C, not lower than	220	222	DSTU GOST 4333
6	Pour point, °C, not more than	-18	-25	GOST 20287 method B
7	Density at 20 °C, kg/m3, not more than	900	873	GOST 3900
8	Mechanical impurities content, %, not more than	0,015	0,011	GOST 6370
9	Water content, %, not more than	0,03	nil	GOST 2477
10	Calcium weight, %, not lower than	0,19	0,245	GOST 13538
11	Zinc weight, %, not lower than	0,05	0,054	GOST 13538
12	Phosphorus weight, %, not lower than	0,05	0,05	GOST 9827
13	Purity mg per 100 g of oil, not more than	500	380	GOST 12275
14	The power to establish PZV point, not more than	0,5	0,5	GOST 5726
11	Colour on colorimeter (15:85), not more than	3,0	1,5	GOST 20284
12	Corrosion on plumbum plates (DK-NAMI), g/m2, not more than	nil	nil	GOST 20502
13	Stabilization by inductive period of sedimentation (IPS), 50 hours	Pass	Pass	GOST 11063

Manufactured by KSM PROTEC LLC, Ukraine

Conclusion: Motor oil M-10G2K sample satisfies the requirement of GOST 8581-78 zm.1-10 standard based on characteristics analyzed.

Shelf life - 5 years from date of manufacture.

Laboratory technician

Laboratory head

Date of issue: 27.09.24

