

CERTIFICATE OF ANALYSIS № 295

Compressor oil MS-20

GOST 21743-76 zm.1-7



Batch № 295

Manufacturing date 26.04.23

Batch net weight 1,8 t

Product Characteristics

№	Characteristics and units	Standard limits	Actual	Test method
1	Kinematic viscosity at 100oC, cSt, not lower than	20,5	21,73	DSTU GOST 33
2	Viscosity Index, not lower than	85	89	DSTU GOST 25371
3	Acid number, mg KOH per 1 g, not lower than	0,03	0,005	GOST 5985
4	Flash point, °C, not lower than	270	274	DSTU GOST 4333
5	Pour point, °C, not more than	-18	-20	GOST 20287 method B
6	Mechanical impurities content, %, not more than	nil	nil	GOST 6370
7	Water content, %, not more than	nil	nil	GOST 2477
8	Density at 20 °C, kg/m3, not more than	897	891	GOST 3900
9	Corrosion on plumbum plates of the C1 or C2 brands in accordance with GOST 3778-77, g/m2, not more than	18,0	14,0	GOST 20502 method B
10	Thermo-oxidative stability at 250°C, min., no less	18,0	18,00	GOST 23175
11	Presence of water-soluble acids and alkalis	nil	nil	GOST 6307
12	Ash content, %, no more than	0,003	0,003	GOST 1461
13	Coking, %, not more than	0,27	0,27	GOST 19932
14	Tendency to varnish at a temperature of 200 oC for 30 min, %, not more than	3,5	3,0	GOST 23175
15	Color on the CNT colorimeter, units CNT, no more than	7,0	3,0	GOST 20284

Manufactured by KSM PROTEC LLC, Ukraine

Conclusion: Compressor oil MS-20 sample satisfies the requirement of GOST 21743-76 zm.1-7 standard based on characteristics analyzed.

Shelf life - 5 years from date of manufacture.

Laboratory technician

Laboratory head

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