

Transformer oil T-1500

GOST 982-80 zm.1-3



Batch № 267

Manufacturing date 05.04.23 Batch net weigh 35t

Product Characteristics

№	Characteristics and units	Standard limits	Actual	Test method
1	Kinematic viscosity at 50°C, mm ² /s, not more than	8	5,92	DSTU GOST 33
2	Kinematic viscosity at - 30°C, mm ² /s, not more than	1 100	980	DSTU GOST 33
3	Acid number, mg KOH /g, not more than	0,01	0,005	GOST 5985
4	Flash point, °C	135	139	GOST 6356
5	The water-soluble acids and alkalis	No	No	GOST 6307
6	Mechanical impurities	No	No	GOST 6370
7	Pour point, °C, not more than	-45	-58	GOST 20287
8	Sodium sample, optical density, not more than	0,4	0,4	GOST 19296 snd p. 5.2
9	Transparency at 5°C	Transparent	Transparent	GOST 982 and p. 5.3
10	Color units, not more than	1,5	0,5	GOST 20284
11	The stability, performance after oxidation, not more than: low molecular weight volatile acids, mg KOH /g on 1g of oil	0,04	0,032	GOST 981 and p. 5.4
12	The stability, performance after oxidation, not more than: precipitate, %	No	No	GOST 981 and p. 5.4
13	The stability, performance after oxidation, not more than: acid number, mg KOH /g on 1g of oil	0,2	0,15	GOST 981 and p. 5.4
14	Dielectric loss tangent % at 90°C, not more than	0,5	0,14	GOST 6581 and p. 5.5
15	Density at 20°C, kg /m ³ , not more than	885	876	GOST 3900

Manufactured by KSM PROTEC LLC, Ukraine

Conclusion: Transformer oil T-1500 sample satisfies the requirement of GOST 982-80 zm.1-3 standard based on characteristics analyzed.

Shelf life - 5 years from date of manufacture.

Laboratory technician

Laboratory head

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