



PRISTA® TRAFO A

PRISTA OIL

■ DESCRIPTION & APPLICATION

PRISTA® TRAFO A insulating oil is formulated from highly refined naphthenic type mineral oil additized with phenolic type antioxidant. It is designated for use in high voltage electrical equipment such as transformers, circuit breakers (switches) etc., demanding a lubricant as insulating and heat-transfer media.

POWER GENERATION OILS

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SPECIFICATIONS

ABDS EN 60296:2006
IEC 60296:2003
DIN 51370, Part 1
VDE 0370 Part 1
Siemens TUN-Norm 901293

TYPICAL CHARACTERISTICS

Nº	PARAMETER	TEST METHOD	TYPICAL VALUES
1.	Kinematic viscosity at, mm ² / s - 40 °C - 50 °C - minus 300C	EN ISO 3104	9.6 7.6 1099
2.	Flash point , PMCC, °C	ISO 2719	141
3.	Pour point, °C	ISO 3016	-47
4.	Density at 20 °C, g/cm ³	EN ISO 3675	0.884
5.	Acidity, mg KOH/g	IEC 62021-1	0.01
6.	Detection of corrosive sulfur	DIN 51353	Non- corrosive
7.	Water content, mg/kg - in bulk (delivered) - in drums (delivered)	EN 60814	20 30
8.	Oxidation stability - TAN, mg KOH/g - Sludge, % - tgδ at 90 °C, 50 Hz	IEC EN 61125 Method C	0.5 0.02 0.034
9.	Interfacial tension, mN/m, при 25°C	ASTM D 971-99a	47
10.	2-6-dibutyl para cresol content, %	IEC 60666	0.38
11.	Breakdown voltage - as delivered, kV - after treatment, kV	EN 60156	45 72
12.	tgδ at 90°C, 50 Hz	IEC 60247	0.001
13.	PCBs content	Column Gas Chromatography	None
14.	PCA, %	IP 346	<3.0
15.	2-furfural content, mg/kg	IEC 61198	<0.1

Remark: The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.