



PRISTA® TRAFO

PRISTA OIL

■ DESCRIPTION

The insulating oil **PRISTA® TRAFO** is formulated from naphthenic type mineral oil.

■ APPLICATION

PRISTA® TRAFO oil 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

PRISTA® TRAFO

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SPECIFICATIONS

BDS IEC 60296-2002+A1, Class II A
IEC 60296-2003
DIN 51370, Part 1

TYPICAL CHARACTERISTICS

Nº	PARAMETER	TEST METHOD	TYPICAL VALUES
1.	Kinematic viscosity at, mm ² / s - 40 °C - minus 30 °C	EN ISO 3104	9.6 1099
2.	Flash point , PMCC, °C	ISO 2719	141
3.	Pour point, °C	ISO 3016	-57
4.	Density at 20 °C, g/cm ³	EN ISO 3675	0.884
5.	Neutralization number, mg KOH/g	IEC 60296 s.7.7	0.01
6.	Detection of corrosive sulfur	ISO 5662	Non corrosive
7.	Water content, mg/kg - in bulk - in drums	EN 60814	20 30
8.	Oxidation stability, 164 h - neutralization number, mg KOH/g - Sludge, % - tgδ at 90 °C, 50 Hz	IEC EN 61125 Method C	0.7 0.43 0.17
9.	Interfacial tension , mN/m, at 25°C	ISO 6295	47
10.	Antioxidant content, %	IEC 60666	none
11.	Breakdown voltage - as delivered, kV - after treatment, kV	EN 60156	47 72
12.	tgδ at 90°C, 50 Hz	IEC 60247	0.002
13.	PCB content	Column Gas Chromatography	None
14.	PCA, %	IP 346	<3.0
15.	2-furfural, 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.