



PRISTA® TRAF0

POWER GENERATION OILS

Description and Application

Prista® Trafo is uninhibited insulating oil formulated from highly refined naphthenic type crude oil. 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.

Benefits

- Very good oxidation stability
- Very good low temperature properties
- High dielectric strength
- Siemens approved

Specifications

	Uninhibited Insulating Oil
EN IEC 60296	TVBU
Siemens	TUN 901293
EN IEC 60296	60296:2020
EN 61039	ISO-L-NTUO-2960131

Typical Characteristics

Parameter	Test Method	Typical Value
Appearance	EN IEC 60296, Part 6.7	Clear and bright, without mechanical impurities
Colour	ISO 2049	L0.5
Kinematic viscosity, mm ² / s	EN ISO 3104	
- at 40°C		9.6
- at minus 30°C		1033
Flash point, PMCC, °C	ISO 2719	144
Pour point, °C	EN ISO 3016	below -40
Density at 20°C, g/cm ³	EN ISO 3675	0.860
Acidity, mg KOH/g	EN 62021-1	0.01
Sulphur content, %	ISO 8754	0.01
Corrosive sulphur	DIN 51353	non corrosive
Corrosive sulphur	EN 62535	non corrosive
Corrosive sulphur	ASTM D1275, B	non corrosive
DBDS	EN 62696-1	not detected
Other additives		no undeclared additives
Water content, mg/kg	EN 60814	
- in bulk (delivered)		20
- in drums (delivered)		30
Oxidation stability, 164h	EN IEC 61125	
- TAN, mg KOH/g		0.5
- Sludge, %		0.2
- tgδ at 90°C, 50 Hz		0.365
Interfacial tension, mN/m, at 25°C	ASTM D971	47
2-6-dibutyl para cresol content, %	EN 60666	not detected
Breakdown voltage	EN 60156	
- as delivered, kV		45
- after treatment, kV		72
DDF (tgδ) at 90°C, 50 Hz	EN 60247	0.001
PCBs content	EN IEC 61619	not detected



Parameter	Test Method	Typical Value
PCA, %	BS 2000 Part 346	<3.0
2-furfural content, mg/kg	IEC 61198	<0.05

Important note: typical data values do not constitute a specification but are an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.

Health, Safety and Handling

Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application.

For more information about product MSDS, terms and conditions for storage and shelf life please visit: www.prista-oil.com