

JoshTrans

I Premium Inhibited Transformer Oil

Product Description

JoshTrans is a premium Ultra-Refined Low Aromatic Naphthenic Oil + DBPC Inhibitor (0.4%) Inhibited Transformer Oil designed for EHV transformers, generator transformers, critical substations, long-life applications. Meets IEC 60296 Type A (I), IS 335:2018 Type I Premium Inhibited, GE D-120P23 specifications and delivers exceptional performance in demanding conditions.

Technical Specifications

Appearance	Water white clear liquid
Density at 15°C	0.865-0.885 g/cm³
Kinematic Viscosity at 40°C	7.5-9.5 cSt
Kinematic Viscosity at -40°C	1000 cSt max
Flash Point (PM)	150°C min
Pour Point	-55°C max
Breakdown Voltage (BDV)	50 kV min (2.5mm gap)
Breakdown Voltage (BDV) after treatment	85 kV min
Dielectric Dissipation Factor at 90°C	0.002 max
Resistivity at 90°C	10 ¹³ Ω·cm min
Interfacial Tension at 25°C	50 mN/m min
Acidity (Neutralization Value)	0.003 mgKOH/g max
Water Content	10 ppm max
Oxidation Stability (IEC 61125C)	1000+ hours
Oxidation Inhibitor (DBPC)	0.35-0.45%
Corrosive Sulphur (ASTM D1275B)	Non-corrosive
Passivator Additive	Contains metal passivator
Expected Service Life	30+ years

Applications

EHV transformers, generator transformers, critical substations, long-life applications

Performance Standards

IEC 60296 Type A (I)

Handling & Storage

- Store in a cool, dry place away from direct sunlight
- Keep container tightly closed when not in use
- Shelf life: 36 months from date of manufacture
- Do not mix with other lubricants