

JoshTrans

U Standard Uninhibited Transformer Oil

Product Description

JoshTrans is a premium Highly Refined Naphthenic Mineral Oil Uninhibited Transformer Oil designed for Distribution transformers, power transformers, switchgear, circuit breakers, tap changers. Meets IEC 60296 Type B (U), IS 335:2018 Type I, ASTM D3487 Type I specifications and delivers exceptional performance in demanding conditions.

Technical Specifications

Appearance	Clear pale yellow liquid
Density at 15°C	0.870-0.890 g/cm³
Kinematic Viscosity at 40°C	9.0-11.0 cSt
Kinematic Viscosity at -30°C	800 cSt max
Flash Point (PM)	140°C min
Pour Point	-40°C max
Breakdown Voltage (BDV)	30 kV min (2.5mm gap)
Breakdown Voltage (BDV) after treatment	70 kV min
Dielectric Dissipation Factor at 90°C	0.005 max
Resistivity at 90°C	10 ¹² ?·cm min
Interfacial Tension at 25°C	40 mN/m min
Acidity (Neutralization Value)	0.01 mgKOH/g max
Water Content	20 ppm max
Oxidation Stability (IEC 61125C)	Pass
Corrosive Sulphur	Non-corrosive
PCB Content	Not detectable
Gassing Tendency (ASTM D2300)	Negative

Applications

Distribution transformers, power transformers, switchgear, circuit breakers, tap changers

Performance Standards

IEC 60296 Type B (U)

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