

# JoshTrans

U Premium Uninhibited Transformer Oil

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## Product Description

JoshTrans is a premium Super Refined Low Sulphur Naphthenic Oil Uninhibited Transformer Oil designed for High voltage transformers (>132kV), EHV/UHV applications, critical power infrastructure. Meets IEC 60296 Type B (U) Premium, IS 335:2018 Type I Special, ASTM D3487 Type II specifications and delivers exceptional performance in demanding conditions.

## Technical Specifications

Appearance	<b>Water white clear liquid</b>
Density at 15°C	<b>0.865-0.885 g/cm<sup>3</sup></b>
Kinematic Viscosity at 40°C	<b>7.0-10.0 cSt</b>
Kinematic Viscosity at -30°C	<b>600 cSt max</b>
Flash Point (PM)	<b>145°C min</b>
Pour Point	<b>-50°C max</b>
Breakdown Voltage (BDV)	<b>40 kV min (2.5mm gap)</b>
Breakdown Voltage (BDV) after treatment	<b>80 kV min</b>
Dielectric Dissipation Factor at 90°C	<b>0.003 max</b>
Resistivity at 90°C	<b>5×10<sup>12</sup> Ω·cm min</b>
Interfacial Tension at 25°C	<b>45 mN/m min</b>
Acidity (Neutralization Value)	<b>0.005 mgKOH/g max</b>
Water Content	<b>10 ppm max</b>
Oxidation Stability (IEC 61125C)	<b>Pass with margin</b>
Corrosive Sulphur (DIN 51353)	<b>Non-corrosive</b>
Corrosive Sulphur (ASTM D1275B)	<b>Non-corrosive</b>
DBDS Content	<b>Not detectable</b>
Gassing Tendency (ASTM D2300)	<b>Strongly negative</b>

## Applications

High voltage transformers (>132kV), EHV/UHV applications, critical power infrastructure

## Performance Standards

IEC 60296 Type B (U) Premium

## 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