

# JoshTurbine

R&O 100 R&O Turbine Oil

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## Product Description

JoshTurbine is a premium Highly Refined Paraffinic Mineral Oil (Group II+) R&O Turbine Oil designed for Extra-large turbines, nuclear power plants, heavy industrial generators, high-viscosity requirements. Meets DIN 51515-1 L-TD, ISO 8068, ASTM D4304 Type I specifications and delivers exceptional performance in demanding conditions.

## Technical Specifications

Appearance	Clear amber liquid
Density at 15°C	0.872-0.882 g/cm <sup>3</sup>
Kinematic Viscosity at 40°C	90-110 cSt
Kinematic Viscosity at 100°C	10.5-12.0 cSt
Viscosity Index	95 min
Flash Point (COC)	245°C min
Pour Point	-18°C max
Total Acid Number	0.10 mgKOH/g max
Oxidation Stability (TOST ASTM D943)	4,000+ hours
Oxidation Stability (RPVOT ASTM D2272)	600+ minutes
Rust Test (ASTM D665 A&B)	Pass
Demulsibility (ASTM D1401)	40-37-3 (30 min max)
Foam Test (Seq I/II/III)	50/0, 50/0, 50/0 ml
Air Release (ASTM D3427)	12 min max at 50°C
Copper Corrosion (3h/100°C)	1a
FZG Load Stage (A/8.3/90)	10 pass (fail stage)

## Applications

Extra-large turbines, nuclear power plants, heavy industrial generators, high-viscosity requirements

## Performance Standards

DIN 51515-1 L-TD

## 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