

JoshTurbine

R&O 68 R&O Turbine Oil

Product Description

JoshTurbine is a premium Highly Refined Paraffinic Mineral Oil (Group II+) R&O Turbine Oil designed for Large steam turbines, heavy-duty turbo generators, marine turbines, high-load bearing systems. Meets DIN 51515-1 L-TD, ISO 8068, ASTM D4304 Type I, Siemens TLV 901304 specifications and delivers exceptional performance in demanding conditions.

Technical Specifications

Appearance	Clear amber liquid
Density at 15°C	0.868-0.878 g/cm³
Kinematic Viscosity at 40°C	61.2-74.8 cSt
Kinematic Viscosity at 100°C	8.0-9.0 cSt
Viscosity Index	100 min
Flash Point (COC)	230°C min
Pour Point	-21°C max
Total Acid Number	0.10 mgKOH/g max
Oxidation Stability (TOST ASTM D943)	4,500+ hours
Oxidation Stability (RPVOT ASTM D2272)	650+ minutes
Rust Test (ASTM D665 A&B)	Pass
Demulsibility (ASTM D1401)	40-37-3 (25 min max)
Foam Test (Seq I/II/III)	40/0, 40/0, 40/0 ml
Air Release (ASTM D3427)	8 min max at 50°C
Copper Corrosion (3h/100°C)	1a
FZG Load Stage (A/8.3/90)	10 pass (fail stage)

Applications

Large steam turbines, heavy-duty turbo generators, marine turbines, high-load bearing systems

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