

JoshTurbine

Syn 32 Synthetic Turbine Oil

Product Description

JoshTurbine is a premium Synthetic Polyalphaolefin (PAO) + Ester Blend Synthetic Turbine Oil designed for Land-based gas turbines, aero-derivative turbines, high-temperature applications, wide temp range operation. Meets DIN 51515-2 L-TG Synthetic, ISO 8068, MIL-PRF-23699, GE GEK-101941A specifications and delivers exceptional performance in demanding conditions.

Technical Specifications

Appearance	Water white clear liquid
Density at 15°C	0.845-0.855 g/cm³
Kinematic Viscosity at 40°C	30-34 cSt
Kinematic Viscosity at 100°C	5.8-6.5 cSt
Viscosity Index	135 min
Flash Point (COC)	235°C min
Pour Point	-45°C max
Total Acid Number	0.15 mgKOH/g max
Oxidation Stability (TOST ASTM D943)	10,000+ hours
Oxidation Stability (RPVOT ASTM D2272)	1,500+ minutes
Rust Test (ASTM D665 A&B)	Pass
Demulsibility (ASTM D1401)	40-37-3 (10 min max)
Foam Test (Seq I/II/III)	10/0, 10/0, 10/0 ml
Air Release (ASTM D3427)	2 min max at 50°C
Copper Corrosion (3h/100°C)	1a
FZG Load Stage (A/8.3/90)	12+ pass (fail stage)
Thermal Stability	Excellent to 300°C
Low Temperature Pumpability	-50°C

Applications

Land-based gas turbines, aero-derivative turbines, high-temperature applications, wide temp range operation

Performance Standards

DIN 51515-2 L-TG Synthetic

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