

GAS STEAM TURBINE OIL 32 ZINC FREE

Description

GST ZINC FREE TURBINE Series lubricants are the latest addition to the turbine lubricant family of products, long recognized for their high quality and reliability. This Series are Zinc-Free turbine lubricants specifically designed for use in gas and steam turbine applications. This lubricants are formulated with carefully selected basestocks and additives, including antioxidants, rust and corrosion inhibitors and anti-foam agents. These components provide outstanding resistance to oxidation and chemical degradation over time. This lubricant exhibit excellent water separability, resistance to emulsion formation and anti-foaming characteristics which provide reliable operation. Their enhanced air release properties are critical for turbine hydraulic control mechanisms.

REDEFINING LIQUID ENGINEERING

Performance Benefits

Meets or exceeds most major turbine equipment builder specifications and industry specifications (ISO VG 32)	Good resistance to degradation during operation
Prevent deposit formation	Superior oxidation, chemical and color stability
Good demulsifiability	Rapid air release and resistance to foaming

Applications

TESTING METHODS	RESULTS
SAE GRADE	32
VISCOSITY, ASTM D445	
cSt @ 40 °C	32.5
cSt @ 100 °C	N/A
Viscosity Index, ASTM D 2270	117

Air Release @ 50°C min ASTM D3427	1
Copper Corrosion 3hr/100°C ASTM D3427	1B
Foaming Sequence I mL/mL ASTM D892	0/0
Foaming Sequence II mL/mL ASTM D892	0/0
Foaming Sequence III mL/mL ASTM D892	0/0
Load Carrying -FZG Failure to Load Stage DIN 51354	10
Oxidation Stability RPVOT ASTM D2272	1400
Modified RPVOT	95%
TOST lifetime ASTM D943	10,000+
TOST Sludge mg/kg ASTM 4310	25
Dry TOST Sludge Content 50% RPVOT mg/kg	1410

Approval

Exceeds: ASTM D4304 Type I, DIN 51515-1 (TD), DIN 51515-2 (TG), ALSTOM HTGD 90117 W (non EP), GEK 107395A/27070/32568J/46506E, AIST 125, Solar ES 9-224, Siemens TLV 9013 04 & 05 (non EP), Fives Cincinnati P-38

AVAILABLE IN 18L AND 200L

Health, Safety & Environment

Health and Safety

- Our Lubricant is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.
- Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.
- Guidance on Health and Safety is available on the appropriate Material Safety Data Sheet, which can be obtained from <http://www.advancelubeholdings.com>
- Protect the Environment Take used oil to an authorized collection point.
- Do not discharge into drains, soil or water. Additional Information Advice on applications not covered here may be obtained from our representative.

