

DESCRIPTION

Ultra Clear Turbine Oils are a premium, top-tier full synthetic turbine oil designed specifically to meet the needs of the most severe industrial gas turbine applications. They are highly resistant to oxidation and formation of acids, giving complete protection against the corrosion of critical metal surfaces. It has a very good antiwear and air release performance. They are recommended for long service in steam, combined cycle and gas turbine and land-based gas turbines, particularly units under 3,000 hp used as standby power units. The product provides outstanding low temperature fluidity beyond the capability of traditional mineral-based products and exceptional performance at high temperatures.

APPLICATIONS

- Land-based gas turbine
- Industrial gas turbines operating in low ambient and remote areas

SUMMARY OF BENEFITS

- Outstanding oxidation resistance and thermal stability at high temperatures
- Excellent low-temperature fluidity
- Protects against rust and corrosion
- Natural detergency and high viscosity index
- High flash point for reduced fire/explosion hazard
- Extended service intervals compared with conventional mineral-oil based lubricants

SPECIFICATIONS

- SOLAR ES 9-224 (CLASS1 / CLASS II)
- SIEMENS TLV 9013
- DIN 51 515 PART 1 (TD)
- DIN 51 515 PART 2 (TG)
- DIN 51 517 PART 1/2 (C/CL)
- VOITH SULZER VN 108
- MIL-PRF -17331J
- ALSTOM HGD 90117T

TYPICAL CHARACTERISTICS

ISO VG	TEST METHOD	32	46
AIR RELEASE TIME, 50°C, min	ASTM D3427	1	1
KINEMATIC VISCOSITY, cSt @40°C, mm ² /s @100°C, mm ² /s	ASTM D445	31.3 5.9	43.7 7.9
FLASH POINT COC, °C	ASTM D92	245	245
POUR POINT, °C	ASTM D97	< -51	< -40
SPECIFIC GRAVITY, 15.6 °C	ASTM D1298	0.84	0.83
RUST TEST	ASTM D665 A&B	Pass	Pass
VISCOSITY INDEX	ASTM D2270	130	140
COPPER CORROSION, 48hrs @80°C	ASTM D130	1a	1a
DEMULSIBILITY, minutes to pass	ASTM D1401	10	10
FOAM TEST, Seq. I, mL	ASTM D892	0/0	0/0

Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute any legal liability.

STORAGE INSTRUCTIONS & HEALTH, SAFETY AND ENVIRONMENT INFORMATION

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C. Health, safety and environmental information is provided for this product in the relevant Materials Safety Data Sheet, which can be obtained by contacting Gulf Western Oil on: 02 9673 9600.

AVAILABLE PACK SIZES

#

September 2022