

## DESCRIPTION

Gulf Western ULTRA CLEAR POE Turbine Oil is a high-performance synthetic lubricant specifically designed for the rigorous demands of aero-derivative stationary and marine gas turbines. Formulated with synthetic polyol ester (POE) base oils and specialized ashless additives, it offers exceptional oxidation resistance and thermal stability, which helps reduce deposit formation and extend service life.

ULTRA CLEAR POE Turbine Oil is recommended for use in gas turbine engines in stationary industrial applications as well as ground gas turbines including offshore installations.

## SUMMARY OF BENEFITS

- High Load-Carrying Capacity
- Rust and Corrosion Protection
- Suitable for a wide temperature range
- Outstanding Oxidation Resistance
- Ensures smooth operation in cold environments
- High Flash Point
- Extended Service Intervals, allowing for longer maintenance periods

## TYPICAL CHARACTERISTICS

ISO GRADE 22/32	TEST METHOD	UNITS	RESULTS
SPECIFIC GRAVITY @ 15.6 °C	ASTM D4052	°C	0.993
VISCOSITY INDEX	ASTM D2270	-	132
KINEMATIC VISCOSITY @ 40°C	ASTM D445	cSt	25.5
@ 100°C	ASTM D445	cSt	5.03
POUR POINT	ASTM D97	°C	-55
FLASH POINT (COC)	ASTM D92	°C	260
TENDENCY/STABILITY			
FOAM TEST SEQUENCE I	ASTM D892	mL	5/0
FOAM TEST SEQUENCE II	ASTM D892	mL	5/0
FOAM TEST SEQUENCE III	ASTM D892	mL	10/0
ACID NUMBER	SAE-ARP-5088	mg KOH/g	0.2
COPPER CORROSION	ASTM D130		1a
PARTICLE CONTAMINATION, NAS 1639	FED-STD-791-3012	MAX	6
RUST TEST	ASTM D665 A&B	-	Pass

## SPECIFICATIONS

- GENERAL ELECTRIC COMPANY
- GEK 32568 F, GEK 101941A (FZG/FLS = 8), GEK 107395 A, GEK 28143A, GEK 46506D
- DIN 51 524 PART 1 (HL)
- DIN 51 515 PART 1 (L-TD)
- DIN 51 515 PART 2 (L-TG)
- BRITISH STANDARD 489 (CIGRE)
- MIL-L-17672 D, MIL-L-17331-G, MIL-17331-B
- CEEB STANDARD 207001
- U.S. STEEL 120, 126
- CINCINNATI MACHINE P-38, P-45, P-54, P-55, P-57, P-62
- WESTINGHOUSE 21T0591 AND 55125Z3
- ABB HTGD 90 117 V0001R 117 (FZG/FLS ≥ 9)
- ABB-STAL VTI 3200-3, 81 21 08
- AFNOR E-48600 HL
- SIEMENS AG TLV 9013 04/01 (FZG/FLS = 8)
- SOLAR ES9-224U
- MITSUBISHI HEAVY INDUSTRIES E00-87182
- ASTM D 4304, TYPE II (EP)

*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.

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