

DESCRIPTION

Petrogulf TURBINE Oils EP are formulated from highly refined GR II/GR III paraffinic base oils and selected ash-less additives to provide outstanding performance and protection in turbines. It has outstanding oxidation resistance and thermal stability at high temperatures to minimize deposit formation and provide long service life. It has high-load carrying capacity and excellent affinity for metal surfaces to protect against wear. It has natural detergency for improved cleanliness, protects against rust and corrosion. It also has excellent low temperature properties for use over a wide temperature range. These oils are recommended for steam, gas and hydraulic turbine systems.

FEATURES & BENEFITS

- Excellent oxidation stability
- Foam resistance
- Quick release of entrained air
- Protection against rusting & corrosion
- Excellent demulsification
- Good viscosity – temperature relation

PERFORMANCE LEVELS

- GEK – 32568E
- ASTM D4304 Type 1
- BS-489
- DIN 51515 Part 1 (TD) and Part 2 (TG)
- SIEMENS TLV 901304 & TLV 90105

TYPICAL CHARACTERISTICS

PROPERTIES	TYPICAL VALUES		
ISO Grade	32	46	68
Kinematic Viscosity @40°C, mm ² /s	32.2	46.4	68.5
Kinematic Viscosity @100°C, mm ² /s	5.42	6.79	8.79
Viscosity Index	102	100	100
Density @ 15°C Kg/L	0.86	0.866	0.87
Pour Point, °C	-27	-24	-21
Flash Point (COC), °C	214	226	236
Air Release @ 50°C, min	2	2	2.5
RPVOT @150 °C, (min)	>2500	>2500	>2500
Steam Demulsibility (Second)	60	60	80
FZG Failure Load Stage,	>10	>10	>10

*These characteristics are typical of current production. Whilst future production will conform to Petrogulf specification, variations in these Characteristics may occur. The oil drain interval as specified by the engine manufacturer should be adhered to, particularly where indirect fuel injection is used.

ISO GRADE	32	46	68
PRODUCT CODE	30515000400	30515000600	30515000800

Handling, Health and Safety

- In normal conditions of use, this lubricant presents no particular toxic hazard. All lubricants, of any kind should be handled with great care, particularly avoiding any contact with skin.
- Prevent any splashing, and keep away from combustible materials. Store under cover and away from any risk of pollution. Dispose off the used oil correctly; don't pour down drains, into watercourses or the soil.
- PetroGulf will not accept liability if the product is used other than in manner or with the precautions, or for the purpose specified. Before the product is used other than directed advice should be obtained from PetroGulf local office.