

PETROGULF TURBINE OILS

PRODUCT DESCRIPTION

PETROGULF Turbine Oils are formulated from highly refined paraffinic base oils and selected ashless 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

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

PERFORMANCE LEVEL

- GEK – 32568A
- BS – 489
- USS – 126
- GM – P – 54

TECHNICAL SPECIFICATIONS

Petrogulf Turbine Oil			
ISO GRADE	32	46	68
Properties	Typical Result		
Specific Gravity, 15°C	0.868	0.872	0.879
Air Release @ 50°C	2.90	3.80	6.20
Flash Point (COC), °C	210	225	230
Kinematic Viscosity			
cSt @ 40°C	32.24	46.05	68.20
cSt @ 100°C	5.31	6.05	8.70
Viscosity Index	100	100	>95
Pour Point, °C	-12	-12	-12
Total Acid No. mg/KOH/g	0.13	0.13	0.16

** These characteristics are typical of current production. Whilst future production will conform to Petrogulf's specification, variations in these characteristics may occur.

HANDLING, HEALTH AND SAFETY

- ❖ Lubricants consisting of highly refined mineral oils with specific additives under normal conditions of use, 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 used oil correctly; don't pour down drains, into water courses or the soil.
- ❖ Take used oil to an authorized collection point.