

Turbine Oil GE 32

Petromin Turbine Oil GE 32 is high-quality inhibited oil. It is formulated from premium quality, chemically stable, high VI hydro-treated base stocks, which are further enhanced by the addition of oxidation inhibitors. These inhibitors provide resistance to thermal degradation over long periods of time in the presence of entrained air and catalyzing metals. Petromin Turbine Oil GE 32 exhibit good demulsibility, permitting water and other contaminants to readily separate from the oil in the system reservoir.

BENEFITS

- Excellent oxidation stability.
- Effective protection against air entrainment.
- Protection against rust and corrosion for long periods.
- Efficient demulsibility for rapid separation of water.
- Mild EP Characteristics.

SPECIFICATION & APPROVALS

Petromin Turbine Oil GE 32 meets or exceeds the requirements of:

- ASTM D-4304-17 Type I, II & II
- DIN 51515 Part 1 & Part 2
- GEK GEK 32568j, GEK 101941A, GEK 107395A
- GEK GEK 27070, GEK 28143B, GEK 46506E
- JIS K2213 Type 2
- ISO 11158HH & HL
- ISO 8068 L-TSA, LTGA, LTSE, LTGE
- SIEMENS AG TLV901304, TLV901305
- SOLAR ES 9-2248 CLASS-II

APPLICATIONS

Petromin Turbine Oil GE 32 is suitable for use in water, steam and Gas turbines bearing lubrication and cooling which require Mineral or HF Turbine oils. In addition, Petromin Turbine Oils GE 32 promotes outstanding performance in hydraulic systems, gear cases, bearing and other units associated with Turbines.



PRODUCT DATA SHEET

PRODUCT CHARACTERISTICS*

PROPERTIES	UNITS	VALUE	TEST METHOD
ISO GRADE	-	32	DIN 51511
Specific Gravity @ 15 °C	-	0.857	ASTM D-4052
API Gravity @ 15 °C	-	33.61	ASTM D-1298
Viscosity @ 40 °C	mm ² /s	32.1	ASTM D-445
Viscosity @ 100 °C	mm ² /s	5.62	ASTM D-445
Viscosity Index	-	113	ASTM D-2270
Flash Point, COC	°C	220	ASTM D-92
Pour Point	°C	-15	ASTM D-97
Color	-	< 0.5	ASTM D-1500
Water Content	ppm	< 100	ASTM D-665
Rust Prevention - A	-	Pass	ASTM D-4951
Copper strip Corrosion	-	1a	ASTM D-130
Foaming Tendency			ASTM D-892
Sequence I	-	10/0	
Sequence II	-	10/0	
Sequence III	-	10/0	
Water Separability, minutes to 3 ml emulsion @ 54 °C	-	Pass	ASTM D-1401
Neutralization NO.	mg KOH/g	0.10	ASTM D-974
Load Carrying capacity Stage Pass	FZG	10	DIN 51354 Part 2
Air release @ 50 °C	minutes	2.8	ASTM D-3427
RBOT (RPVOT) Unmodified	minutes	> 1000	ASTM D-2272
TOST Life	Hrs	> 10,000	ASTM D-943
Product Code		5250	

*The information and figures given here are typical of current production and conform to specification, minor variations may occur.

