

# TURBINE F Series

## Description

Mineral lubricants with excellent demulsifying properties, for steam and light duty gas turbines. They offer excellent rust and corrosion protection, and superior oxidation stability.

## Application

TURBINE F Series is suitable for lubricating gas turbines, steam or water turbines in industry.

## Operation Characteristics

- Excellent rust and corrosion protection.
- Excellent oxidation stability.
- Very good defoaming performance.

## Typical Physical Characteristics

	ASTM	32	46	68	100
DENSITY (kg/ltr)	D 1298	0,875	0,878	0,880	0,887
VISCOSITY AT 40°C (cSt)	D 445	32	46	68	100
VISCOSITY AT 100°C (cSt)	D 445	5,3	6,8	8,8	11,1
VISCOSITY INDEX	D 2270	100	99	98	96
COPPER CORROSION	D 130	1A	1A	1A	1A
ZINC CONTENT %	D 5185	0,005	0,005	0,005	0,005
RUST TEST (PROC. B)	D 665	PASS	PASS	PASS	PASS
TOST Test (Hrs to TAN 2)	D 943	2000	2000	2000	2000
AUTOIGNITION TEMPERATURE, °C	D 659	320	340	350	365
FLASH POINT (°C) min.	D 92	215	230	235	250
WATER CONTENT KF, ppm max.	D 6304	200	200	200	200
POUR POINT (°C)	D 97	-24	-21	-21	-18

*These are typical values. Small variation should be expected for future productions.*

## Health, Safety and Environmental Protection

It is unlikely to cause any significant problem to the health or safety of the user when used properly, according to the typical handling of lubricating and usual personal hygiene practices. The used lubricants must be recycled in accordance with applicable legislation and placed in approved collection points. Do not discharge into drains, soil or water / sea. Always follow the instructions of the safety data sheet.