



TURBINIUM T

Premium R&O lubricant for industrial gas and steam pipes. Particularly recommended for the lubrication of light gearless gas turbines. Applications include the lubrication of hydraulic turbines, compressors and where an anti-corrosion and oxidation inhibited oil is required.

USES

- In the lubrication of industrial steam, hydraulic or gas pipes.
- For the lubrication of bearings in steam engines with closed sump.
- In forced circulation systems for the lubrication of bearings that operate at high temperatures (between 70 and 120 ° C) and under the risk of rust formation due to contamination with water, when an extreme pressure lubricant is not required.
- They can be used in turbo compressors, especially those with axial flow, even more so if they are coupled to a steam or gas turbine.
- As a protector against corrosion and rust in steam or hydraulic pipes, when they are out of service or in prolonged storage (up to one year).

PROPERTIES

- Excellent resistance to high temperatures and good oxidation stability.
- Excellent anti-wear properties maintain a permanent film on bearings and bearings, critical in the lubrication of any turbine.
- Resistant to the formation of sludge and other oxidation products (R% O).
- Good demulsibility and protection against rust.
- Effective lubrication in long periods of operation.

SPECIFICATIONS

TURBINIUM T meet the following manufacturer specifications:

DIN 51515-1 TD (ISO 32, 46, 68, 100, 150) GEK 32568G, GEK 46506e (*) MAG Cincinnati: P-38 (ISO 32), P-55 (ISO 46) and P-54 (ISO 68)

Siemens Power Generation TLV 901304 Solar ES 9-224

HEALTH AND SAFETY

This product does not present a risk to health or safety as long as they maintain good personal and industrial hygiene practices. In case of contact with the skin, wash immediately with soap and water. Wear gloves to handle used oils. Do not dispose of waste down the sewer. Take care of our environment.



TYPICAL PROPERTIES

PHYSICOCHEMICAL TESTS	UNIT	METHOD	AVERAGE VALUES	
ISO grade			46	68
Density @ 15 °C	Kg/l	ASTM D-4052	0.865	0.870
Kinematic Viscosity @ 40°C	cSt	ASTM D-445	45.5	68
Kinematic Viscosity @ 100°C	cSt	ASTM D-445	7.55	10.1
Viscosity Index		ASTM D-2270	132	133
Flashpoint	°C	ASTM D-92	235	240
Max. Pour Point	°C	ASTM D-97	-18	-18
Total Acid Number (TAN)	mgKOH/g		0.05	0.05
Demulsibility	Min		15	20

The specifications are average values. In the manufactured batches there may be slight variations that do not affect the quality of the product, or the performance

AVAILABLE SIZES

TRUBINIUM T
55 gal cylinder
5 gal bucket