

Industrial Steam and Gas Turbine Oil

Description

DAYAN TURBIN OIL T range has been developed to meet the lubrication requirements for turbines and turbocompressors where a highly refined mineral-based oil is required. The additive treatment ensures good anti-oxidation, anti-corrosion and demulsification properties, and absence of foaming in service.

Features and benefits

- Long service life
- Wide range of applications
- Trouble-free operation for extended periods
- Excellent thermal and oxidation stability
- Outstanding rust and corrosion inhibiting
- Low temperature applicable
- Excellent water separability

Application

All types of gas and steam turbines and turbo compressors

Specification

- DIN 51515-1 TD
- DIN 51515-2 TG
- ALSTOM HTGT 90117
- Siemens TLV 901304

Storage and Handling

DAYAN TURBIN OIL T SERIES are unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standard of Industrial and personal hygiene are maintained. Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

The DAYAN trademark is registered and protected in Iran.

Technical Data

Test	Units	Method	T 32	T 46	T 68
ISO Viscosity Grade	-	-	32	46	68
Relative Density at 15°C	g/ml	ASTM D4052	0.86	0.86	0.87
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	32.0	46.0	68.0
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	5.4	6.8	8.8
Viscosity Index	-	ASTM D2270	102	101	102
Flash Point	°C	ASTM D92	218	224	230
Pour Point	°C	ASTM D5985	-21	-21	-18

Note:

1- The Typical characteristics are given as a guide only and may vary according to latest production according to ISO.