

Product Information

AVENO Turboflo TU 32

0002-000300



Description

AVENO Turboflo TU 32 is a high-quality lubricating oil for gas and steam turbines and for turbo-compressors with or without gearbox, which meets the requirements of DIN 51 515-2. AVENO Turboflo TU 32 is made of selected base oils and a highly effective combination of additives. This guarantees very good corrosion protection and resistance to aging.

Instructions for use

AVENO Turboflo TU 32 is used in stationary gas turbines, steam turbines and in electric machines or machines driven by steam turbines. AVENO Turboflo TU 32 is also used in lubricating hydraulic systems, compressors, gear transmissions and bearings.

Quality classification

Specification

- British Standard BS 489
- CEGB Standard 207001
- DIN 51515-1 (L-TD)
- DIN 51515-2 (L-TG)
- ISO 8068
- MIL-PRF-17672 D

Recommendation

- Alstom HTGD 90117 V0001 S
- Brown Boveri HTGD 90 117
- General Electric GEK 32568 A/C
- Siemens 9013 05, Siemens TLV 9013 04/01
- Solar ES 9 224 Classe II (ISO VG 32)
- US Steel 120
- Westinghouse Electric Corp. Turbine Oil Spec.

Properties

- Very good thermal stability
- Excellent air separation capacity
- Low pour point
- Prevents foam formation
- Excellent viscosity-temperature characteristics
- Good viscosity-temperature behavior
- Excellent corrosion protection

Technical specifications

Properties	Data	Unit	Testing under
Kinematic Viscosity at 40°C	32,2	mm ² /s	DIN 51659-2:2017-02
Kinematic Viscosity at 100°C	5,8	mm ² /s	DIN 51659-2:2017-02
Viscosity Index	122		DIN ISO 2909:2004-08
Appearance	YELLOW		VISUELL
Density at 15°C	851	kg/m ³	DIN EN ISO 12185:1997-11
Pour Point	-33	°C	ASTM D 7346:2015