

# PRODUCT CERTIFICATE



**TIPP OIL Manufacturer GmbH Co. KG**

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Company registration number: HRA4299  
Sales tax identification number: DE331814405

Revised on: 15.07.25 | Number of the version: 02 | Replaces version: 01

## TIPP-OIL Turboflo TU 32

### Description:

TIPP-OIL Turboflo TU 32 is a high-quality lubricating oil for gas and steam turbines as well as for turbo compressors with and without gears, which fulfils the requirements of DIN 51 515-2. Turboflo TU 32 consists of selected base oils and a highly effective additive combination. This guarantees very good corrosion protection and good ageing resistance.

### Instructions for use:

TIPP-OIL Turboflo TU 32 is used in stationary gas turbines, in steam turbines and in electrical machines or machines driven by steam turbines. Turboflo TU 32 is also used for the lubrication of hydraulic systems, compressors, gear transmissions and bearings.

### Specification:

- British Standard BS 489
- CEEB 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 90117
- General Electric GEK 32568 A/C
- Siemens TLV 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.

### Features & Benefits:

- Very good thermal stability
- Excellent air separation capacity
- Low pour point
- Prevention of foaming
- Excellent viscosity-temperature behaviour
- Good wear behaviour
- Very good corrosion protection

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## Technical specifications:

Properties	Data	Unit	Testing under
kinematic viscosity at 40°C	32,2	MM <sup>2</sup> /S	DIN ISO 51562-2
kinematic viscosity at 100°C	5,8	MM <sup>2</sup> /S	DIN ISO 51562-2
viscosity index	122		DIN ISO 2909
appearance	Yellow		VISUELL
density at 15°C	851	KG/M <sup>3</sup>	DIN EN ISO 12185
Pour Point	-33	°C	ASTM D 7346

All declared values are approximate and subject to standard production variations. To the best of our knowledge all information reflects the current state of findings and our development.

Subject to change. Any reference to DIN standards are solely for product description purposes and do not represent a guarantee. If problems arise, please consult a technician. 26.04.2022 02:00:00