

TOST CLASSIC

OXIDATION CHARACTERISTICS



STANDARDS

ASTM D 943, D 2274, D 2893, D 4310, IP 157, IP 388, ISO 4263-1,2,3, ISO 12205 and related methods.

SCOPE

These tests methods cover the evaluation of the oxidation stability of inhibited steam-turbine oils in the presence of oxygen, water, and copper and iron metals at an elevated temperature. These tests methods are limited to a maximum testing time of 10 000 h. They are also used for testing other oils, such as hydraulic oils and circulating oils having a specific gravity less than that of water and containing rust and oxidation inhibitors.

The TOST Classic is an Oxidation Test apparatus of Inhibited Mineral Oil, Distillate Fuel Oil and Extreme-Pressure Lubrication Oils. User can select suitable accessories according to its needs and get a customized instrument.

TECHNICAL FEATURES

Key features

- Up to 8 positions units
- Bath liquid capacity : 30 liters
- Temperature from ambient to 125°C
- Digital temperature display
- Flowmeter and glassware to be ordered separately

Accessories

- REF 9416251 - Flowmeter for 3 L/h air for ASTM D 943, IP 157, ISO 4263
- REF 9416252 - Flowmeter for 3 L/h oxygen for ASTM D 2274 & D 4310, ISO 12205
- REF 9416253 - Flowmeter for 10 L/h air for ASTM D 2893
- REF 21696 - Oxidation cell for ASTM D 943, IP 157, ISO 4263 and ASTM D 2893
- REF 21697 - Oxidation cell for ASTM D 2274 & D 4310, ISO 12205



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SCOPE OF DELIVERY

9416260 **Scope of delivery:** TOST Classic is delivered with:

- 1 thermometer ASTM 40 C (P/N 11522)*
Without flowmeter or glassware
** Without certificate, calibration on request, digital thermometer on request*

Site requirements:

- Power supply: 230 V - 50/60 Hz - 16 A
- Dimension: (W) 610 x (D) 450 x (H) 1100 mm
- Weight: 40 kg
- **Gas pressure (bar):** 0,5 bars max compressed air or oxygen (depending on the method)
- **Fluid:** 30L Silicon oil