PRODUCT DATASHEET

Lube Oil Filter Test Bench (ISO 4548)

Test bench for engine lubricating oil filters to the ISO 4548 series

Product page





Close-up: three filter stations on the test header with differential pressure transmitters

OVERVIEW

The Tech Inc. Lube Oil Filter Test Bench (ISO 4548) runs the tests that engine and compressor oil filters are approved on.

TYPICAL DESIGN DATA

Test methods	ISO 4548 series: pressure drop against flow, bypass valve, high pressure drop and temperature, pulse durability, static burst, anti-drain valves; multi-pass to ISO 4548-12:2017 on our multi-pass rig
Test oil	The oil and temperature each part of the series specifies; heater and heat exchanger hold the temperature
Stations	Spin-on heads and cartridge housings made for the threads and seals you use
Codes and standards	ISO 4548 series; CE marking
Instruments	Flow meter, differential pressure transmitters and temperature sensors at each station
Results	Curves and pass or fail results for each test, with automatic reports
Control	PLC with touch-screen HMI

MODELS AND CAPACITIES

- **TI-LFT-1** – single-station bench
- **TI-LFT-3** – three-station bench
- **TI-LFT-P** – bench with pressure pulse package

Benches are built to the filters and parts of the series you test.

ORDERING CODE

Example **TI-LFT-3-P**: **3** number of filter stations; **P** with pressure pulse package (omit if not required).

SCOPE OF SUPPLY

Included: factory acceptance test with a written report; drawings for approval, material certificates and manual. **Options:** pressure pulse package; cold-oil circuit for cold start tests; guarded burst chamber.

KEY ADVANTAGES

- **One bench, many tests** – hot-oil, pulse, burst and valve tests
- **Several stations** – filters tested side by side
- **Temperature held** – heated oil reservoir and heat exchanger
- **Made for your filters** – heads and housings to your threads and seals

Designed and built by Tech Inc. · **Part of the Davey Group since 1990**

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