HISTORY

FILTERS® was founded in 1989 and has since achieved excellence in the field of specialized and custom made filters for industrial purposes.

Today Filters® combines outstanding know-how in filtration and separation technologies with in depth experience in engineering, providing equipment, technology and services for the Oil & Gas, Power Generation and Chemical industries, and excels in all fields where filtration and separation require high technical competence and product quality.

Filters® develops, designs, builds and integrates advanced technologies into its products.

Filters
Challenge made easy

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LUBE OIL TEST BENCH

Performance measurements of a complete filter station

TEST BENCH

- The lube oil test bench is very versatile. Tests can be performed both on external vessels, thanks to the bypass line, and on those of existing lines. The bench is equipped with two pumps, a coriolis flow meter and dedicated software for complete control of the variables. It can process flow rates up to 1500 l/min.
- The test loop allows to measure the pressure drops of the filters and to verify the electrostatic discharges.
- The cleaning loop allows you to always have the oil under constant test conditions

EVALUABLE FEATURES

The following variables can be evaluated according with the possible tests that can be performed:

- Determination of DIFFERENTIAL PRESSURE **of a cartridge element;**
- Determination of DIFFERENTIAL PRESSURE **of a huosing filter element;**
- Determination of ELECTROSTATIC CHARGE generated due to the **oil flow through the filtration media;**

APPLICATION EXAMPLES

Some practical applications of the bench:

- **Existing Housing/Cartridges** pressure drop evaluation;
- **New Housing/Cartridges** pressure drop evaluation;
- ESD (Electrostatic Discharge) Test with the verification of the intensity of charge generated and in which condition;
- THIRD PART TESTS on **new or existing** filters;