

European EXPERT in CLEANLINESS Management

Particulate Contamination

IFTs is the only partner able to offer the complete range of tools and expertise required to know, specify and guarantee the exact cleanliness levels necessary for the good-working order of all components and systems at the lowest cost.

FLUID CLEANLINESS ASSESSMENT

By using the appropriate sampling method and applying the most suited or required analysis technique (Microscope, Particle Counter, Contamination Indicator), the cleanliness level of all types of fluids is consistently assessed.



FILTER TESTING

Tests are performed in order to check and compare the performances of all types of liquid filters to find the one best adapted to maintaining the required cleanliness level.



COMPONENT CLEANLINESS ASSESSMENT

An appropriate and validated extraction method is used to measure the cleanliness level of all parts and components, with a full report available within 24 hours.



SUPPLY OF TEST STANDS

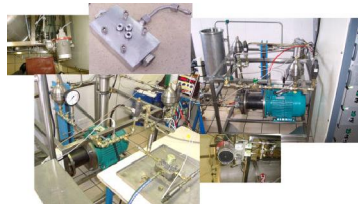
IFTs test stands, designed and manufactured upon international standards or upon customer specifications, aim at testing all types of filters, at injecting specific particles into existing stands to study wear of hydraulic components or to clean up products on industrial lines.

CONSULTANCY / EXPERTISE

A strong support is offered to Design Offices in charge of drafting component cleanliness or filter performance specifications and to Industrial Workshops to achieve cleanliness and exceptional value for money.

COMPONENT WEAR AND TEAR TESTS

The sensitivity of components to particulate contamination is evaluated to determine maximum contamination levels possible, yet maintain good-working order.



COMPONENT DECONTAMINATION

Decontamination component benches allow us to send back to our customers all quantities of all types of pieces/components certified at the requested cleanliness level.

CALIBRATION OF INSTRUMENTS

The calibration and qualification of particle counters and contamination level indicators are conducted with certified reference suspensions.



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