

INSOLUBLES CHECK

Visual Particle Determination

It is the purpose of the INSOLUBLES CHECK to provide detailed information about particles regarding their nature, size and relative quantity.



> FEATURES

- Measuring range: Particle > 3 μm
- Measuring time: about 15 min.
- Application: Lube and hydraulic oil

> BENEFITS

- Corresponding to the particles on the filter the result is readable directly
- Problems can get recognized at an early stage
- Easy to handle also for non-trained personnel
- Handy to use and for transport

The test procedure is based on a vacuum filtration system used to filter insoluble particles out of the oil sample. These particles will form a deposit on a molecular filter, allowing their visual inspection by a micro magnifying lense.

It so becomes possible to determine the relative quantity, the size and actually the source of the contamination, e. g. whether their nature might be out of rubber, chrome, brass, steel or rust.

Friction at pistons, pumps, etc. could get recognized even at an early stage – and maintenance measures effectively directed at the root cause of a problem.

