

Hydraulic fluids – Numeric key for the degree of contamination by solid particles

Abrasion of machine components is one of the most frequent causes of premature ageing of the lubricant and failure of machines and systems.

This International Standard describes a procedure for determining the contamination classification of solid particles in the test fluid.

Scope

The particles are measured according to DIN ISO 5884 with an automatic particle counter.

The automatic particle counter works according to the light interruption principle. As soon as a certain liquid volume has flowed through the measuring zone of the particle counter sensor, the counting is stopped and the results are recorded.



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