

SKF Oil Check Monitor TMEH 1

Detects changes in oil condition

The SKF TMEH 1 is a portable instrument that displays immediate information on the oil condition, which in many cases makes a lengthy laboratory investigation unnecessary. The unit measures the changes in dielectric constant of an oil. By comparing the measurements obtained from used and unused oils of the same type and brand, the oil check monitor is able to determine the degree of change in the condition of the oil. Dielectric change is directly related to the degradation and the contamination level of the oil and will allow the user to achieve optimised intervals between oil changes and detect increased mechanical wear and loss of the oil's lubricating properties. To facilitate trending the instrument is equipped with a numerical read-out.

Note

The SKF Oil Check Monitor is not an analytical instrument. It is an instrument to detect only changes in the oil condition. The visual and numerical read-outs are purely a guide to enable trending of the comparative readings of a good oil to a used oil of the same type and brand. Do not rely solely on numerical readings.

- Shows changes in oil condition affected by such things as:
 - Water content
 - Fuel contamination
 - Metallic content
 - Oxidation
- Hand held and user friendly
- Numerical read-out to facilitate trending
- Can store calibration (good oil) to memory



Technical data

Designation	TMEH 1
Suitable oil types	mineral and synthetic oils
Repeatability	better than 95%
Read-out	green/red grading + numerical value (-999 to 999)
Battery	9V Alkaline IEC 6LR61
Battery lifetime	> 150 hours or 3 000 tests
Dimensions (instrument)	250 × 95 × 32 mm (9.8 × 3.7 × 1.3 in)
Weight	385 grams (14 oz.)

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