

Quick detection of oil condition changes

## SKF Oil Check Monitor TMEH 1

The SKF TMEH 1 measures the changes in dielectric constant of an oil sample. By comparing measurements obtained from used and fresh samples of the same oil, the degree of change in the condition of the oil is established.

Dielectric change is directly related to the oil's degradation and contamination level. The monitor allows tracking of mechanical wear and of any loss of the oil's lubricating properties.

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

### Note

The SKF Oil Check Monitor is not an analytical instrument. It is an instrument to only detect changes in the oil condition. The visual and numerical read-outs are merely 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.





## Technical data

Designation	<b>TMEH 1</b>
Suitable oil types	mineral and synthetic oils
Repeatability	±5%
Readout	green/red grading + numerical value (-999 to +999)
Battery	9 V Alkaline type IEC 6LR61
Battery lifetime	>150 hours or 3 000 tests
Dimensions instrument	250 × 95 × 32 mm (9.8 × 3.7 × 1.3 in.)
Carrying case dimensions (l × w × h)	530 × 85 × 180 mm (20.9 × 3.4 × 7.0 in.)

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PUB MP/P8 14374 EN · October 2014

