

OilCheck TMEH 1

APPLICATION

The OilCheck TMEH 1 measures the effects of contamination and electro-chemical changes that occur in synthetic and petroleum based oils. It is especially developed for engine oils, but is also very suitable for gear and lubrication oils.

The OilCheck is a portable instrument which offers a two minute alternative to lengthy laboratory investigations. At severe changes from a linear degradation of the oil more sophisticated analysis are recommended.

DESCRIPTION

The OilCheck detects and measures the dielectric constant of an oil. By comparing the measurements obtained from used and unused oils of the very same brand, the OilCheck is able to determine the degree of change in the oil's dielectric constant. Dielectric change is directly related to the degradation and contamination level of the oils and helps the user to optimize intervals between oil changes and to detect increased mechanical

To facilitate trending the instrument is equipped with a numerical readout. Occurrence of water, anti-freeze, metal particles would all have an instant influence of the dielectric change. Oxidation or build-up of acids would have a more moderate influence of the dielectric constant and so would fuel soot, sludge, dirt and petro/diesel fuel. The unit comes in a pouch and is supplied with a battery.



Technical Data	
Designation	TMEH 1
Suitable Oil Types	Mineral and Synthetic oils
Repeatability	Better than 5%
Read-out	Numerical value between 0-100, and green/red grading
Battery	9V Alkaline IEC 6LR61
Battery Life	>150 hours or 3,000 tests
Dimensions	250 x 95 x 32 mm (9.8 x 3.7 x 1.3 in.)
Weight	385 g (14 oz)

Ordering Details	
TMEH 1	OilCheck
TMEH 1-20	Sensor Clean

Features

- ◆ Diesel Engines
- ◆ Gasoline Engines
- ◆ Natural Gas Engines
- ◆ Natural Gas Turbines
- ◆ Automatic Transmissions and more