

# Soot Test Kit

Monitoring of Soot content in used engine oils



Industries concerned

- Automotive
- Rail
- Marine
- Navy
- Power production
- Mine
- Defence
- Analysis service

**The GESERCO Soot Test Kit allows for fast, simple and accurate measurement of soot content (combustion residues or carbon matters) in used engine lubricating oils.**

**The high level of sensitivity and accuracy of the test kit makes it applicable to monitoring either the high soot levels which can be found in Diesel engine oils up to 15% soot, but also in the very low soot levels which can be found in gas powered engines.**

**The GESERCO Soot Test Kit is a strong and rugged tool which can be operated in the field by any personnel, expert or not.**

**Digital Optical Tester :**

The GESERCO Rapid Optical Oil Tester has a last generation infra-red sensor which combines measurement reliability with high sensitivity even in the most demanding environment.

Standard embedded functions include:



- Measurement of Carbon Matters contents (soot) within 5 seconds.
- Easy to read large dot matrix display
- Local display of operating instructions
- Memory capability for up to 1000 test
- Instant test result evaluation
- Excess Soot alarm
- Automatic time-stamping of results
- USB port for downloading test results and updating firmware

## Features

The kit is housed in a **strong and light aluminum case.**

Dimensions: 47cm x 42 cm x 13 cm

Weight: 7 kg

The kits include all accessories, reagents and operating manuals for performing and understanding **50 tests** unless otherwise specified.

## Product code

The GESERCO Soot Test kit is available in two different versions in order to better comply with the application:

PRODUCT CODE	DESCRIPTION	RANGE #1	RANGE #2	RANGE #3
PH9005	SOOT TEST PROFESSIONAL KIT	0 – 15% SOOT	0 – 4.5% SOOT	0 – 2.5% SOOT
PH9006	SOOT TEST STANDARD KIT	0 – 4.5% SOOT		
PP9105	REPLENISHMENT PACK – 50 ADDITIONAL TESTS – SOOT CONTENT			

## Options

The GESERCO Blotter Spot Test kit allows determining easily and quickly 4 important characteristics of engine oils in service:

- **Residual detergent capacity**
- **Residual dispersion capacity**
- **Presence of anti-freeze agent**
- **Presence of fuel**