

Insoluble



Insoluble are a build up in combustion engines due to the burning fuel in the engine. They are combustion related debris and oxidation products within the lubrication oil.

Regular monitoring of insoluble helps to prevent lacquer formation on hot surfaces, sticking of piston rings, wear of cylinder liner and bearing surfaces.

The detergent property of the oil will also decrease, speeding further deterioration.

- Detect insoluble from diesel engine combustion such as partially oxidized fuel, carbon, fuel ash, oil oxidation products and used lubricant additives.
- Simple and quick to use even for untrained people.
- The insoluble tests give you actionable results, helping to maintain your engine.



Electronic Insolubles TouchCell

The **CMT Electronic Insoluble Test Meter** is a self-contained device to test insolubles and soot in your engine oil.

It is suitable for all combustion engine oils regardless of the fuel in use.

It contains the latest technology to provide excellent repeatability and rapid results in the field.

Visible light is used to test the oil for soot and insoluble.

Just add one drop of your well mixed oil sample into 10 ml reagent and present the sample tube to the device.

The measuring range is detected automatically and the result is presented within seconds.

The **CMT Insoluble Spot Test Kit** is a simple spot test on a specially developed filter paper to get an indication of both, the insoluble load and the dispersancy of your lubricant.

Just drop one drop onto the paper and wait for the paper to dry. Just compare the filter paper with the pictures in the manual provided with the test.



Insolubles Test Kit

Ordering Information

OTK-CT-11205

Electronic Insoluble Test Meter

| | |
|---------------|--------------------|
| Range: | 0-2.4 Vol% |
| Accuracy: | Typically +/-0.1 % |
| Test Time: | < 2 minutes |
| No. of Tests: | 30 Tests |
| Reagents: | non hazardous |
| Reagent Pack: | OTR-CT-12007 |

OTR-CT-12007

Insoluble Reagent Pack

| | |
|---------------|---------------|
| No. of Tests: | 30 Tests |
| Reagents: | non hazardous |

OTS-CT-13021

Spare Insoluble PhotoCell

OTS-CT-13029

Glass Vial Consumables Pack (100)

OTK-CT-11002

Insoluble Spot Test Kit

| | |
|------------|-----------------------|
| Range: | good / poor |
| Test Time: | one hour (unattended) |
| Reagent: | non hazardous |