

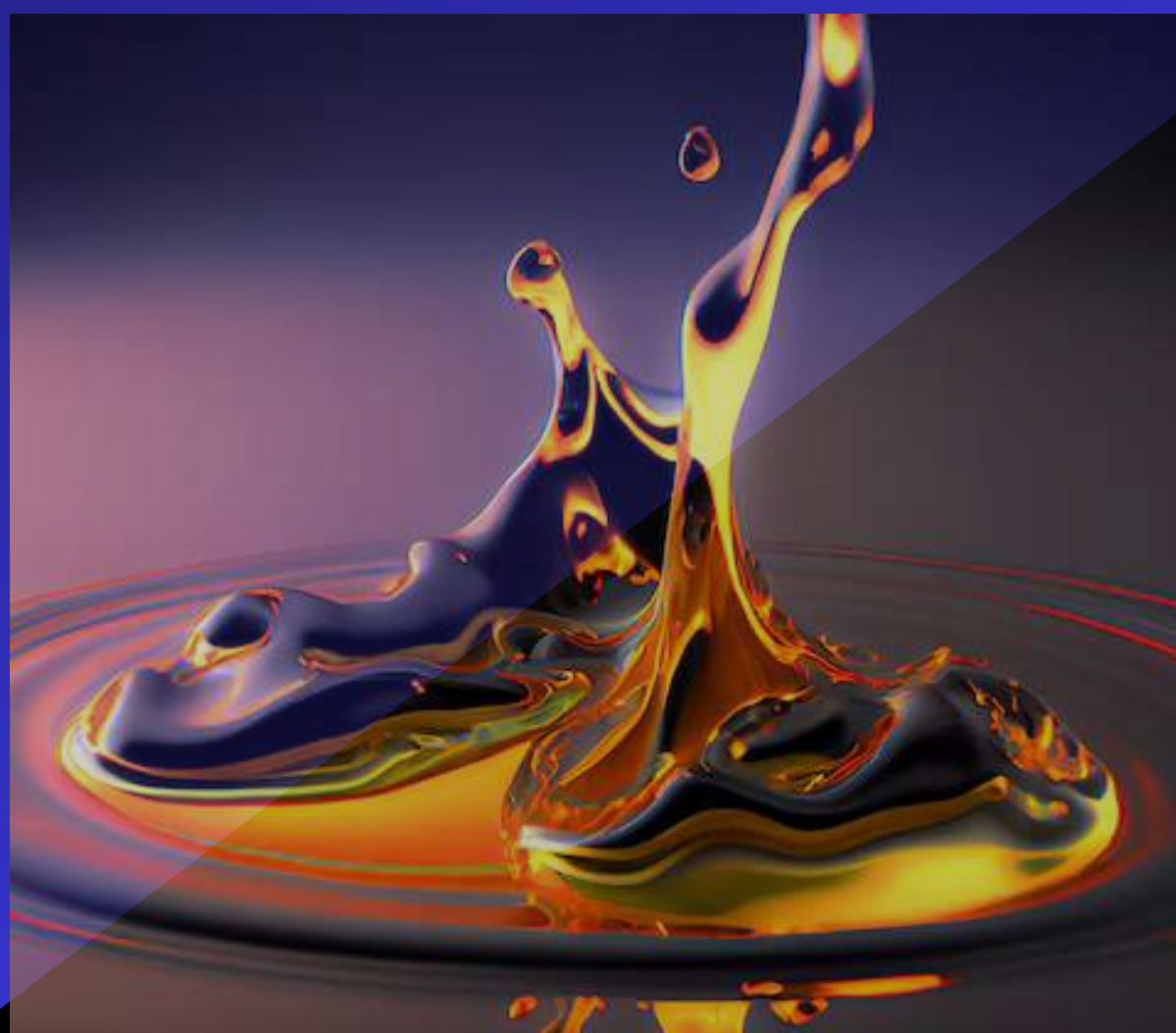
Petrotech Sample Filtering Kit

METHOD(S)- ASTM D2274.

SAMPLE TYPE- MIDDLE DISTILLATE PETROLEUM FUELS UNDER SPECIFIED OXIDIZING CONDITIONS AT 95 °C.

BACKGROUND

ASTM D2274 for Oxidation Stability of Distillate Fuel Oil requires a sample preparation procedure prior to perform the test, then A 350 ml volume of filtered middle distillate fuel is aged at 95 °C (203 °F) for 16 h while oxygen is bubbled through the sample at a rate of 3 L/h. After aging, the sample is cooled to approximately room temperature before filtering to obtain the filterable insolubles quantity. Adherent insolubles are then removed from the oxidation cell and associated glassware with trisolvent. The tri solvent is evaporated to obtain the quantity of adherent insolubles. The sum of the filterable and adherent insolubles, expressed as milligrams per 100 mL, is reported as total insolubles.



TEST PROTOCOL

place one filter 0.8-micron on the filter support and clamp the filter funnel to the support. Apply suction (approximately 80 kPa (12 psi)) then pour 400 ml of the fuel through the filter into a clean 500 ml glass filtration flask. repeat preparation for each sample to be run. After filtration is complete, discard the filter media. never use the same filters for a second increment of fuel, because any material deposited on the filters by a previous increment of fuel can result in a greater removal of solids from the next increment.

OUT OF BOX BUNDLE

- 100 x 0.8-micron, 47 mm filters for particulate capture.
- 1 x Filter holder.
- 1 x Vacuum Flask: For filtered fuel collection.
- 1 x Vacuum Pump.
- Forceps.
- Desiccator for proper drying and conditioning of filters.
- 250 ml graduated Beaker.
- Silicone Tubing for connecting the vacuum setup.
- One laminated page includes SOP (Standard Operating Procedures)
- Product Test report.
- USB memory stick Includes SOP, and Test report.

Ordering Information

PN	Contents
PT-01-2274	Petrotech filtering Kit D2274

