Asphaltenes Extraction

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Determination of Asphaltenes (Heptane Insolubles) in Crude Petroleum and Petroleum Products.

Covers a procedure for the determination of the heptane insoluble asphaltene content of gas oil, diesel fuel, residual fuel oils, lubricating oil, bitumen, and crude petroleum that has been topped to an oil temperature of 260°C.

Art. LT/AA-114000/M

Manual apparatus composed by:

- Heating plate with manual heating regulation and magnetic stirring features with rod and clamp for supporting glassware
- Bubble condenser made in glass with joints for liquid circulation and grounds joints 24/40 – 34/35
- Reflux extractor made in glass
- Conical flask made in borosilicate glass 500 ml capacity
- Stopper made in glass with ground connection 24/40
- Evaporating vessel ∅ 90 mm
- Filter funnel made in glass
- Forceps made in stainless steel for manage the filters

Conical Flasks

- LAB-101-132/1000: Erlenmeyer Flask 1000 ml complete of stopper
- LAB-101-132/500 Erlenmeyer Flask 500 ml complete of stopper
- LAB-101-132/250 Erlenmeyer Flask 250 ml complete of stopper
- LAB-101-132/150 Erlenmeyer Flask 150 ml complete of stopper
- LAB-101-132/100 Erlenmeyer Flask 100 ml complete of stopper

Accessories

- LAB-100-555/50: graduated cylinder capacity 50 ml
- LAB-100-555/100: graduated cylinder capacity 100 ml
- LAB-103-776: filter papers, grade 42, ∅ 110 mm, pack of 100 pcs.

Optional Accessories

- LAB-102-275: dessicator 300 mm
- LT/AB-200/M: analytical balance 200 gr

Spare Parts

- LAB-101-134: condenser
- LAB-101-135: reflux extractor
- LAB-101-136: glass stoppers
- LAB-101-137: magnetic bars
- LAB-101-138: evaporating vessel