

## EXTRACTION RESIDUES SEDIMENT

### LEAD AND SALT

#### ASTM D2547 (obs) IP 248 ISO 2083 LEAD IN GASOLINE, VOLUMETRIC CHROMATE METHOD

This method covers the volumetric determination of the total lead content of gasoline and other volatile distillates blended with lead alkyls within the concentration range of 0.2 to 4.2 g of lead/US gal or 0.04 to 1.1 g of lead/litre.

#### IP 77 DETERMINATION OF SALT CONTENT - EXTRACTION AND VOLUMETRIC TITRATION METHOD

This method is intended for the determination of total halide concentration of 0.002 to 0.02% wt, in crude petroleum, topped crude, residual cracking stock, and fuel oil. It may also be applied to the estimation of seawater contamination of used turbine oil and of marine diesel fuel.

#### IP 182 DETERMINATION OF INORGANIC ACIDITY OF PETROLEUM PRODUCTS - COLOUR INDICATOR TITRATION METHOD

This standard specifies a method for determining the water soluble inorganic (strong) acid content of used and unused lubricating oils, fuel oils, and petrolatum

Dual extractor apparatus with structure supports two independent sets of glassware: 2x boiling flask, 2x reflux condenser, 2x graduated funnel, 2x 600 ml beaker; controlled by two independent electronic regulator and cooling water supply.

#### 2440 LEAD AND SALT EXTRACTION APPARATUS

Technical specifications:

- Power supply: 230V  $\pm$ 10% 50Hz
- Power: 500W
- Dimensions: 36x43x72 cm
- Weight: 15 kg

#### SPARE PARTS

- 11-2441 HEATER, pack of 2 pcs
- 15-2442 BOILING FLASK, 500 ml
- 15-2443 REFLUX CONDENSER
- 15-2444 THISTLE TUBE
- 15-2172 BEAKER, 600 ml
- 15-0110 ELECTRONIC REGULATOR
- 15-0004 BIPOLAR GREEN SWITCH

### CONRADSON - CCR

#### ASTM D189 IP 13 ISO 6615 DIN 51551 CONRADSON CARBON RESIDUES OF PETROLEUM PRODUCTS

This test method covers the determination of the amount of carbon residue left after evaporation and pyrolysis of an oil, and is intended to provide some indication of relative coke-forming propensities

LPG-heated by Meker lamp fitted with safety valve. Insulating ring block, metal tripod holder with Nichrome triangle, stainless steel chimney. Inner porcelain crucible, middle iron crucible fitted with Skidmore lid and external iron crucible fitted with lid.

#### 960 GAS CONRADSON

#### ACCESSORIES ON REQUEST

- 2470/BC160 ELECTRONIC BALANCE  
Range 160 g., readout 0.001, pan  $\varnothing$ 110

#### CONSUMABLES x 2 YEARS

- 15-0961 PORCELAIN CRUCIBLE, pack of 5 pcs x2
- 15-0964 SKIDMORE COVER, pack of 2 pcs x2

#### SPARE PARTS

- 15-0962 MEDIUM IRON CRUCIBLE
- 15-0963 EXTERNAL IRON CRUCIBLE
- 15-0966 WIRE SUPPORT, NiCr
- 15-0967 COVER FOR EXTERNAL IRON CRUCIBLE
- 15-0968 MEKER LAMP

#### ASTM D2416 COKING VALUE OF TAR AND PITCH

This test method covers the determination of the coking value of tar and pitch having an ash content not over 0.5%

Muffle furnace, insulating ring block, stainless steel chimney. Inner porcelain crucible, middle iron crucible fitted with Skidmore lid and external iron crucible fitted with lid.

#### 970 ELECTRIC CONRADSON

Technical specifications:

- Temperature: up to 1100°C (2012°F)
- Power supply: 230V  $\pm$ 10% 50/60Hz
- Power: 4500W
- Dimensions: 56x66x65+34 cm
- Weight: 75 kg

