

## EXTRACTION RESIDUES SEDIMENT

### CRUDE OIL AND FUEL OIL SEDIMENT

#### ASTM D473 IP 53 ISO 3735 SEDIMENT IN CRUDE OILS AND FUEL OILS BY THE EXTRACTION METHOD

*This test method covers the determination of sediment in crude oils and fuel oils by extraction with toluene. The precision applies to a range of sediment levels from 0.01 to 0.40 % mass, although higher levels may be determined.*

Consisting of: 1000 ml Erlenmeyer flask, stainless steel basket supporting an extraction thimble of alundum, cooling metal coil, glass water cup.

#### 1130 SEDIMENT IN CRUDE AND FUEL OILS BY EXTRACTION APPARATUS



#### ACCESSORIES ON REQUEST

1280/S6 HEATING DEVICE  
2470/BCA120 ANALYTICAL BALANCE  
Range 120 g., readout 0.0001, pan Ø80

#### CONSUMABLES x 2 YEARS

15-1133 EXTRACTION THIMBLE, pack of 3 pcs x2

#### SPARE PARTS

15-1131 STAINLESS STEEL BASKET  
15-1132/1000 ERLENMEYER FLASK, 1000 ml  
15-1134 WATER CUP, pack of 3 pcs  
15-1135 CONDENSER

### ASPHALTENES

#### ASTM D6560 IP 143 DIN 51595 DETERMINATION OF ASPHALTENES (HEPTANE INSOLUBLES) IN CRUDE PETROLEUM AND PETROLEUM PRODUCTS

*This test method 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 (500°F)*

Consisting of: an electric heater with support rod and clamps, a reflux extractor with 24/40 and 34/45 ground-glass joint, an 500 ml Erlenmeyer flask 24/40 and a condenser 34/45 and one glass stopper.

#### 1140 DETERMINATION ASPHALTENES APPARATUS

Technical specifications:

- Power supply: 230V ±10% 50/60Hz
- Power: 700W



#### ACCESSORIES ON REQUEST

10-1141 FILTER PAPER, pack of 100 pcs  
Grade 42, Ø110 mm  
15-1132/1000 ERLENMEYER FLASK, 1000 ml 24/40  
15-1132/250 ERLENMEYER FLASK, 250 ml 24/40  
15-1132/150 ERLENMEYER FLASK, 150 ml 24/40  
15-1132/100 ERLENMEYER FLASK, 100 ml 24/40  
2470/BCA250 ANALYTICAL BALANCE  
Range 250 g., readout 0.0001, pan Ø80  
10-0332 DIGITAL STOPWATCH  
7 digit LCD, max.10 hours, 1/100 sec,  
digit h=8 mm

#### CONSUMABLES x 2 YEARS

10-1141 FILTER PAPER, pack of 100 pcs x4  
Grade 42, Ø110 mm

#### SPARE PARTS

15-1141 REFLUX EXTRACTOR  
15-1142 GLASS STOPPER  
15-1144 CONDENSER  
15-0110 ELECTRONIC REGULATOR  
11-0022 HEATER  
15-0004 BIPOLAR GREEN SWITCH