

Sulfur and Chlorine in Petroleum Products

ASTM D129 - ASTM D808

IP 61

DIN 51577

ASTM D129 - IP 61 - DIN 51577 - Sulfur in Petroleum Products
(General Bomb Method).

This test method covers the determination of sulfur in petroleum products, including lubricating oils containing additives, additive concentrates, and lubricating greases that cannot be burned completely in a wick lamp. The test method is applicable to any petroleum product sufficiently low in volatility that it can be weighed accurately in an open sample boat and containing at least 0.1% sulfur.

ASTM D808 - Chlorine in New and Used Petroleum Products (Bomb Method).

This test method covers the determination of chlorine in lubricating oils and greases, including new and used lubricating oils and greases containing additives, and in additive concentrates. Its range of applicability is 0.1 to 50% chlorine.

The procedure assumes that compounds containing halogens other than chlorine will not be present.

Art. LT/HC-207500/M

Sulfur in Petroleum Products Apparatus - ASTM D129 - D808

- 300 ml oxygen bomb fully made in stainless steel, including its two electrodes
- Cover with threaded sliding ring
- Gasket around the cover edge
- Automatic inlet valve
- Exhaust needle valve tested to 210 bar
- Ignition device housed in a plate box painted with anti-acid epoxy products
- Low voltage outlet for connection with the electrodes of the cylinder
- Start button
- Ammeter
- O₂ reducer gear fitted with two manometers
- Safety valve
- Calibration wheel up to 50 atm.
- Pin valve
- Capillary copper junction with connection for cylinder charge
- Cover support
- Quartz dish or, by request, a crucible made in stainless steel AISI 316
- Cotton wick
- 10 cm platinum ignition wire

Accessories

- LT/B-2470-BC150/M: balance
- LAB-102-072: water bath for cooling
- LAB-100-332: digital stopwatch

Spare Parts

- LAB-102-061/A: dish quartz, cap. 3 ml
- LAB-102-061/B: stainless steel crucible AISI 316
- LAB-102-062: ignition device
- LAB-102-071/B: platinum ignition wire 10 cm
- LAB-102-071/D: cotton wick 3 m
- LAB-102-066: gasket, pack of 10

CE marked