



Salt in Crude



ASTM D3230 IP 265

Standard Test Method for Salts
in Crude Oil (Electrometric Method).

Determination of the approximate
chloride (salts) concentration in crude oil.

The range of concentration covered
is 3.5 mg/kg to 500 mg/kg or 1.0 lb/1000 bbl to
150 lb/1000 bbl (PTB) as chloride concentration/
volume of crude oil.

This test method measures conductivity
in the crude oil due to the presence
of common chlorides, such as sodium, calcium,
and magnesium.

Other conductive materials may also
be present in the crude oil.

LT/SIC-323000/M

Manual Apparatus Determination of the Salts Concentration in Crude Oil

- Benchtop control unit with TFT colour display 6" high brightness.
- Linetronic Technologies software show the salt concentration in g/m^3 or PTB, the temperature of solution, calibration process and result browser.
- Typical test time of less than 30 seconds.
- Able to detect salts in concentration between 0 and 430 g/m^3 – 0 and 151 PTB.
- Virtual keyboard for insert operator and sample name.
- Supplied with beakers, sensor support stands, stainless steel electrodes.
- Pre-calibrated for immediate use for ASTM D3230.
- Connection:
 - 2 × usb;
 - 1 × RJ45 for ethernet.

Power supply

- 220/115 Vac.
- Power cable with shuko plug.

Accessories

- LAB-3230-005: calibration tool on 5 points.
- LAB-3230-012: crude oil mechanical sampling pipette 1-10 ml.
- LAB-3230-012B: diamond tips 10 ml for pipetman sampling pipette, autoclavable.
- LAB-3230-012C: bag of 10 filters for 10 ml sampling pipette.
- LAB-3230-012D: wall auto-adhesive plastic support.
- LAB-3230-012E: multi table-holder for pipette.
- LAB-3230-014: salt check verification tool.
- LAB-3230-015: standard salt mixed solution 100 ml – D3230.

Spare Parts

- LAB-3230-001: glass beaker, pack of 10 pcs.
- LAB-3230-002: probe and cables.
- LAB-3230-003: cover made in plastic material complete with Stainless-steel electrodes.