



**DURAN
WHEATON
KIMBLE**

Excellence in your hands

DURAN® PETROLEUM CENTRIFUGE TUBES

FOR DETERMINATION OF WATER AND SEDIMENT IN CRUDE OIL

Following **strict manufacturing practices** combined with new Lazer-Fused™ technology, the DURAN® Petroleum Centrifuge Tubes offer the **quality and performance supporting to your application and needs.**

IMPROVED DURABILITY

- Lazer-Fused™ marking technology reduces the potential weaknesses acid and mechanical etching may cause
- Exceeds API MPMS Chapter 10.4 minimum RCF 500 x g centrifuge requirement (max. RCF 800)

CONFIRMED QUALITY

All Petroleum Centrifuge Tubes are manufactured from 33 expansion, low extractable **borosilicate glass** conforming to **USP Type I and ASTM E438, Type I, Class A requirements** and comply with the specifications by the **American Petroleum Institute (API)** and **The American Society for Testing and Materials (ASTM)**. The tubes are calibrated to contain and can be sealed with a snap cap or a rubber stopper.

CRUDE OIL – WHAT IS THAT?

The largest product quantities in the oil and gas industry are fuel oil and petrol. Crude oil (also called petroleum) is one of the most important raw materials and is used to manufacture a wide range of chemical products, including pharmaceuticals, fertilisers, solvents and plastics. Sample vessels and test methods must therefore meet the highest quality and regulatory standards.



DURAN® PETROLEUM CENTRIFUGE TUBES: FOR DETERMINATION OF WATER AND SEDIMENT IN CRUDE OIL

PROPRIETARY PERMANENT MARKING TECHNOLOGY

- Markings and graduations applied using **proprietary Lazer-Fused™ technology** – lasered onto the glass surface
- Superior **resistance to aggressive solvents** used in separation processing
- **Unmatched readability and line uniformity** throughout entire graduation range

OUTSTANDING VOLUMETRIC ACCURACY

- The internal diameter is carefully controlled to maintain an **accurate and reproducible tube**
- The Lazer-Fused™ tubes provide the **highest level of marking accuracy available**
- Conforms to volume graduation requirements specified in API MPMS Chapter 10.4
- **Tightest volumetric tolerance** compared to competitor's tubes



Cat.No. 216032508 Cat.No. 216032516 Cat.No. 216032405 Cat.No. 216032413

ORDERING INFORMATION

Description	Application and details	Pack unit [pieces per pack]	Cat.No.
DURAN® Petroleum Centrifuge Tubes, short cone	<ul style="list-style-type: none"> • For determination of water and sediment in crude oils • Designed for field use in testing petroleum • Used in petroleum test methods ASTM D 96 AND API Code 2500 	6	216032508
DURAN® Petroleum Centrifuge Tubes, short cone graduation in percent	<ul style="list-style-type: none"> • Application and details as for Cat.No. 216032508 • Is graduated in percent (200% equals 100mL) 	6	216032516
DURAN® Petroleum Centrifuge Tubes, long cone	<ul style="list-style-type: none"> • For determination of water and sediment in crude mineral oils, fuels and other petroleum products (D1796 and MPMS 10.4 standards) • For determination of volume of precipitant, black oils and other lubricating oils (ASTM D91 and D128) • In testing of acidity of distillation residues or hydrocarbon liquids of gasoline or petroleum solvents (ASTM D1093) 	6	216032405
DURAN® Petroleum Centrifuge Tubes, long cone graduation every mL	<ul style="list-style-type: none"> • For determination of residues in Liquified Petroleum (LP) gases, according to ASTM method D2158 • End point index • With fine graduation: Graduations: 0 to 1 in 0.05 mL dimensions 	6	216032413

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