

Crude Oils

Crude Oil Characterization	
Test Code	Description
ASTM D 5002	Density and Relative Density of Crude Oils by Digital Density Analyzer
ASTM D 4007	Water and Sediment in Crude Oil, BS&W
ASTM D 4006	Water by Distillation, Crude Oil
ASTM D 4807	Sediment in Crude Oil by Membrane Filtration Test
ASTM D 5853	Pour Point of Crude Oils
ASTM D 3230	Salt Content of Crude Oil, Electrometric Method
ASTM D 4929	Chlorides, Organic, in Crude Oil (Naphtha Cut)
ASTM D 4294	Sulfur by X-Ray Fluorescence Spectroscopy. LOD = 0.01 wt%
ASTM D 6377	Vapor Pressure in Crude Oil, Expansion Method
TOL 5051	SARA, Saturates, Aromatics, Resins and Asphaltenes Analysis
Please contact us at sales@tol-lp.com for a quote.	
Additional Tests	
ASTM D 5307	Boiling Range Distribution of Crude Petroleum, by GC
ASTM D 4377	Water in Crude Oils by Potentiometric Karl Fischer Titration
UOP 79	Fractionation of Petroleum Distillates
BMC1	Crude Oil Classification, Bureau of Mines Index
TOL 5048	Crude Oil Classification, Paraffinic or Asphaltinic
ASTM D 2892	True Boiling Point and Distillation of Crude Petroleum (15 Theoretical Plates)
ASTM D 7455	Sample Preparation of Petroleum and Lubricant Products for Elemental Analysis
ASTM D 5708	Nickel, Vanadium, and Iron in Crude Oils and Residual Fuels by Inductively Coupled Plasma - Atomic Emission Spectrometry (ICP-AES)
Crude Oil Quality Control	
Test Code	Description
ASTM D 287.a	API Gravity, Hydrometer Method
ASTM D 4006	Water by Distillation, Crude Oil
ASTM D 473	Sediment by Extraction
ASTM D 4294	Sulfur by X-Ray Fluorescence Spectroscopy. LOD = 0.01 wt%
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