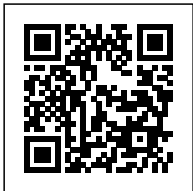


TUNING FORK DENSITY TOOL - HD - 1 11/16 IN.



SKU: TFD001
Categories: [Cased Hole Wireline](#), [Fluid Density](#), [HD Platform™](#), [Production Logging](#)

PRODUCT DESCRIPTION

The Tuning Fork Density Tool (TFD001) is an HD Platform non-radioactive fluid identification tool that is not affected by well inclination. It provides an industry-standard Fluid Density measurement based on vibrating fork technology.

Optimized for either pure gas or oil-water environments, it can also function as a useful free gas indicator.

Ratings & Dimensions

| | |
|------------------|---|
| Max Temperature | 350°F (177°C) |
| Max Pressure | 15,000 psi (103.4 mPa) |
| Diameter | 1.69 in (43.0 mm) |
| Length | 30.27 in (769.0 mm) |
| Weight | 9.5 lb (4.3 kg) |
| Tensile Strength | 15,000.0 lbf (6,803.9 kgf) |
| Measure Point | 6.9 in (175.0 mm) from bottom of tool |
| Materials | Corrosion resistant materials used throughout |

Measurements

| | |
|---------------|--------------------------|
| Sensor | Acoustic |
| Range | 0 to 1.25 g/cc or better |
| Accuracy | +/-0.03 g/cc or better |
| Resolution | 0.03 g/cc |
| Response Time | < 1 second |

Hardware Characteristics

| | |
|------------------|--|
| Combinability | All HD tools: GR, CCL, iQ, RADii, RAS, PLT |
| Tool Positioning | Centralized |



| | | |
|-------------------------|----------------------|-------------------|
| Acquisition Mode | Real-time (with TCU) | Memory (with MLT) |
|-------------------------|----------------------|-------------------|

Electrical Specification

| | | |
|----------------|--------|--------|
| Voltage | 50V DC | 19V DC |
| Current | 20 mA | 50 mA |

Version Control: 2021.11.17

On-line specifications are for REFERENCE ONLY and subject to change without notice. DO NOT USE FOR FIELD OPERATIONS.