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# Oil in Water Analysis for Flowback/Produced Water from Hydraulic Fracturing

- Verify oil levels are compatible for reuse or disposal
- Designed for use at drilling sites
- Results in under 15 minutes
- Detect levels as low as 0.1 ppm
- Easy-to-use for non-technical personnel



InfraCal TOG/TPH Analyzer

Visit our webpage
See our video



InfraCal 2 Analyzer

Whether flowback and produced water from a hydraulic fracturing site is getting cleaned up for the next fracture, going to an off-site treatment facility, evaporation ponds or going through thermal or membrane desalination for agricultural use or surface discharge, removing the oil is typically the first step. Testing the effectiveness of the oil removal system can be especially important if the risk is fouling a membrane or incurring a regulatory fine.

The InfraCal Analyzers allow for oil in water testing at the well site in less than 15 minutes with the rugged durability required for drill site testing. The sampling requires a few simple steps that can be performed by non-technical personnel. The water is mixed with the extraction solvent, shaken, and then presented to the InfraCal Analyzer for measurement. The same InfraCal Analyzer can be used for TPH in soil if a spill or pond leak occurs to determine the contaminated area.

If sub-ppm measurements, password protected calibrations and instrument settings, data storage, or multiple calibrations are required, the new InfraCal 2 Analyzer offers increased sensitivity as well as a touch screen display for more user options.

## Ordering Information:

| Part Number | Analyzer Model | Minimum Detection | Calibration Options | Solvent |
|---|---|---|---|---|
| 405-1009 | InfraCal TOG/TPH Analyzer, Model HATR-T2 | 8 mg/L | Uncalibrated | Hexane, Vertrel MCA, Pentane, Cyclohexane |
| 405-1009-44 | InfraCal TOG/TPH Analyzer, Model HATR-T2 | 8 mg/L | Factory Cal-Hexane/TPH 6 point set, 10, 25, 50, 100, 150, and 200 mg/L | Hexane, Vertrel MCA, Pentane, Cyclohexane |
| 405-0003-12 | InfraCal TOG/TPH Analyzer, Model CVH | 2 mg/L | Uncalibrated | Tetrachloroethylene (perchloroethylene), S-316, Freon |
| 405-0003-12-78 | InfraCal TOG/TPH Analyzer, Model CVH | 2 mg/L | Factory Cal-Perc/TPH 6 point set, 10, 25, 50, 100, 150, and 200 mg/L | Tetrachloroethylene (perchloroethylene) |
| 405-0003-12-41 | InfraCal TOG/TPH Analyzer, Model CVH | 2 mg/L | Factory Cal-S-316/TPH 6 point set, 10, 25, 50, 100, 150, and 200 mg/L | S-316 |
| 405-2034 | InfraCal 2 ATR-SP | 0.3 mg/L | UnCalibrated | Hexane, Vertrel MCA, Pentane, Cyclohexane |
| 405-2034-44 | InfraCal 2 ATR-SP | 0.3 mg/L | Factory Cal-Hexane/TPH 6 point set, 10, 25, 50, 100, 150, and 200 mg/L* | Hexane, Vertrel MCA, Pentane, cyclohexane |
| 405-2035 | InfraCal 2 TRANS-SP | 0.1 mg/L | Uncalibrated | Tetrachloroethylene (perchloroethylene), S-316, Freon |
| 405-2035-78 | InfraCal 2 TRANS-SP | 0.1 mg/L | Factory Cal-Perc/TPH 6 point set, 10, 25, 50, 100, 150, and 200 mg/L* | Tetrachloroethylene (perchloroethylene) |
| 405-2035-41 | InfraCal 2 TRANS-SP | 0.1 mg/L | 25, 50, 100, 150, and 200 mg/L* | S-316 |

*Note: Lower range calibrations available for oil in water

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