Mineral oil in soil and water according to DIN EN ISO 9377-2
Fast analysis of lubricating oil contamination according to DIN EN ISO 9377-2

Application Note

Environmental

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Introduction
Fast GC analysis of lubricating oil contamination in under ten minutes using an Agilent Select Mineral Oil column according to DIN EN ISO 9377-2.
Conditions

Technique: GC

Column: Agilent Select Mineral Oil, 0.32 mm x 15 m fused silica (optimized film thickness) (Part no. CP7491)
0.53 mm x 6 m, methyl deactivated

Temperature: 55 °C, 1.9 min → 320 °C, 80 °C/min

Carrier Gas: Nitrogen, 80 kPa

Injector: On-column

Detector: FID

Sample Size: 2 μL

Sample Size: Lubrication oil, 1.1 mg/L and 0.11 mg/L in petroleum ether

Courtesy: Thomas Karle, Chemisches Labor; Dr. Vogt, Karlsruhe, Germany