Pyrolysis products of a sample containing oils

Application Note

Materials Testing & Research

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Introduction
Analysis of a pyrolysis sample containing two oil fractions is accomplished by GC with an Agilent VF-5ms column.
**Conditions**

**Technique**: GC

**Column**: Agilent VF-5ms, 0.25 mm x 60 m fused silica (df = 1.0 μm) (Part No. CP8949)

**Temperature**: 60 °C, 1 min → 320 °C, 8 °C/min, 75 min

**Carrier Gas**: He, 173 kPa

**Pyrrolysis**: at 550 °C

**Injector**: Split injection, 1:100

**Detector**: MS

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Low background even at 320 °C