

Mineral oil in soil and water according to DIN EN ISO 9377-2

Application Note

Environmental

Authors

Agilent Technologies, Inc.

Introduction

The analysis of mineral oil can be done with high efficiency using GC and the Agilent Select Mineral Oil column.

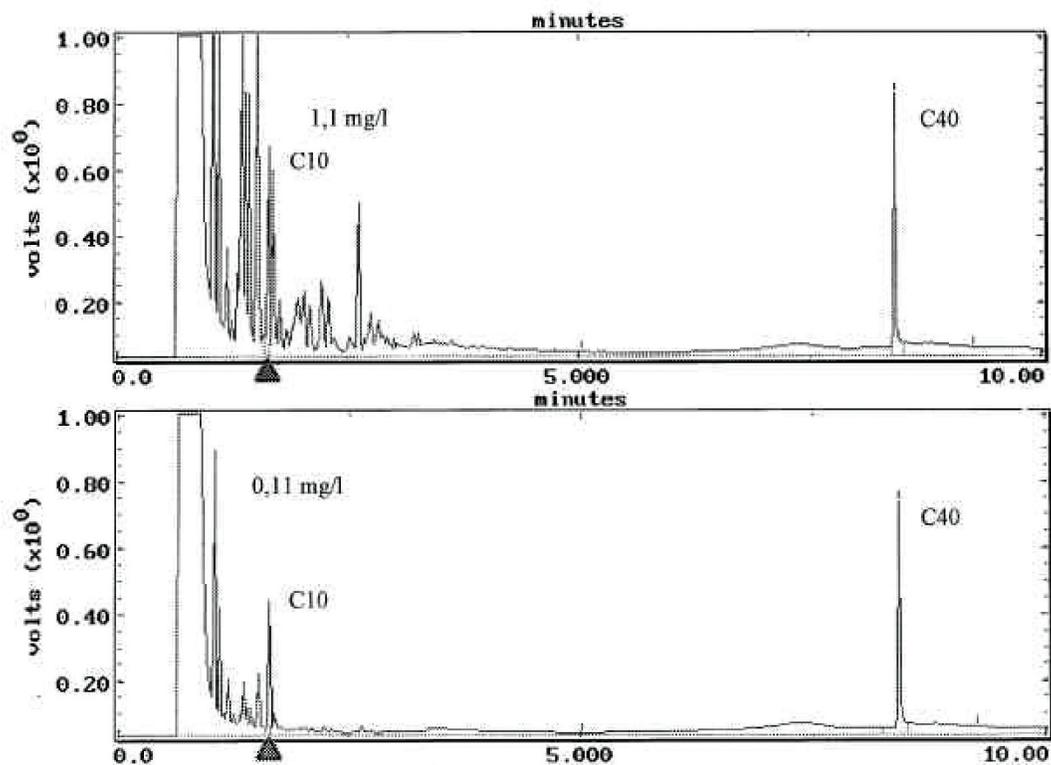


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Conditions

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
Concentration Range : unleaded gasoline "Super", 1.1 mg/L and 0.11 mg/L
in petroleum ether

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



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Printed in the USA

31 October, 2011

First published prior to 11 May, 2010

A02046