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

Authors

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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.

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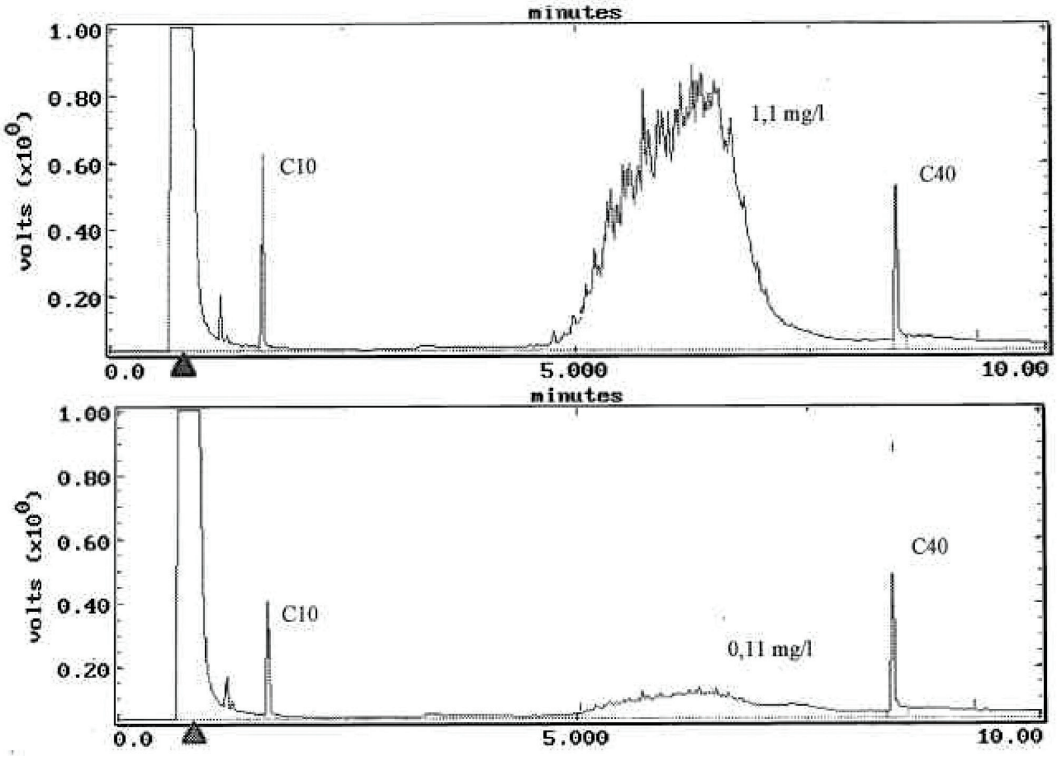
Conditions

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
Sample Size	:	Lubrication oil, 1.1 mg/L and 0.11 mg/L in petroleum ether
Courtesy	:	Thomas Karle, Chemishces Labor; Dr. Vogt, Karlsruhe, Germany



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