



Sulfur simdist

Boiling point analysis of sulfur compounds in kerosene

Application Note

Energy & Fuels

Authors

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Introduction

Boiling point analysis of sulfur compounds in kerosene (jet fuel) by gas chromatography is achieved using an Agilent CP-Sil 5 CB column in ten minutes.

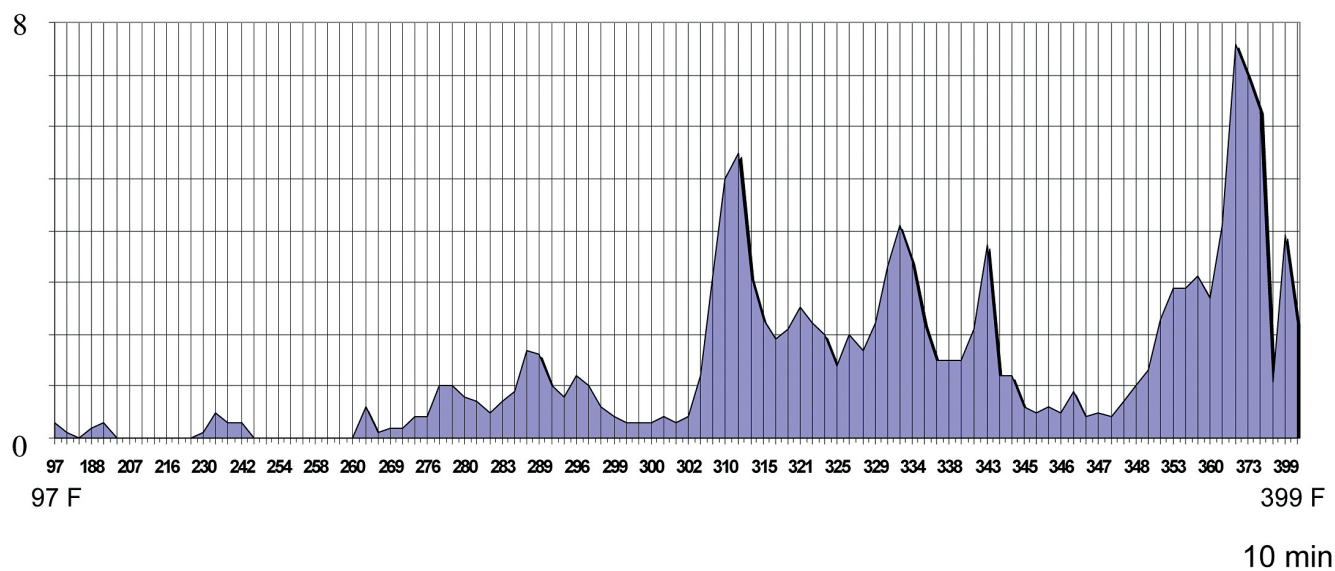


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Conditions

Technique : GC-capillary
Column : Agilent CP-Sil 5 CB UltiMetal, 0.53 mm x 10 m
(df = 5 μ m) (Part no. CP6666)
Temperature : 35 °C (1 min) \rightarrow 15 °C/min \rightarrow 200 °C (2 min)
Carrier Gas : Helium, 15 mL/min, constant flow
Injector : PTV, 70 °C Hold 0 Rate 15 °C/min Final 200 °C
Detector : SCLD
Sample Size : 0.5 μ L
Calculations : Envantage Simdist- 2000 with Sulfur module
Total sulfur = 137 ppm

Ppm-Sulfur w/v



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This information is subject to change without notice.

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