



## **Sulfur simdist**

# Boiling point analysis of sulfur compounds in cracked gasoil

## Application Note

Energy & Fuels

### **Authors**

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### **Introduction**

Boiling point analysis of sulfur compounds in cracked gasoil by gas chromatography is achieved using an Agilent CP-Sil 5 CB column in ten minutes.



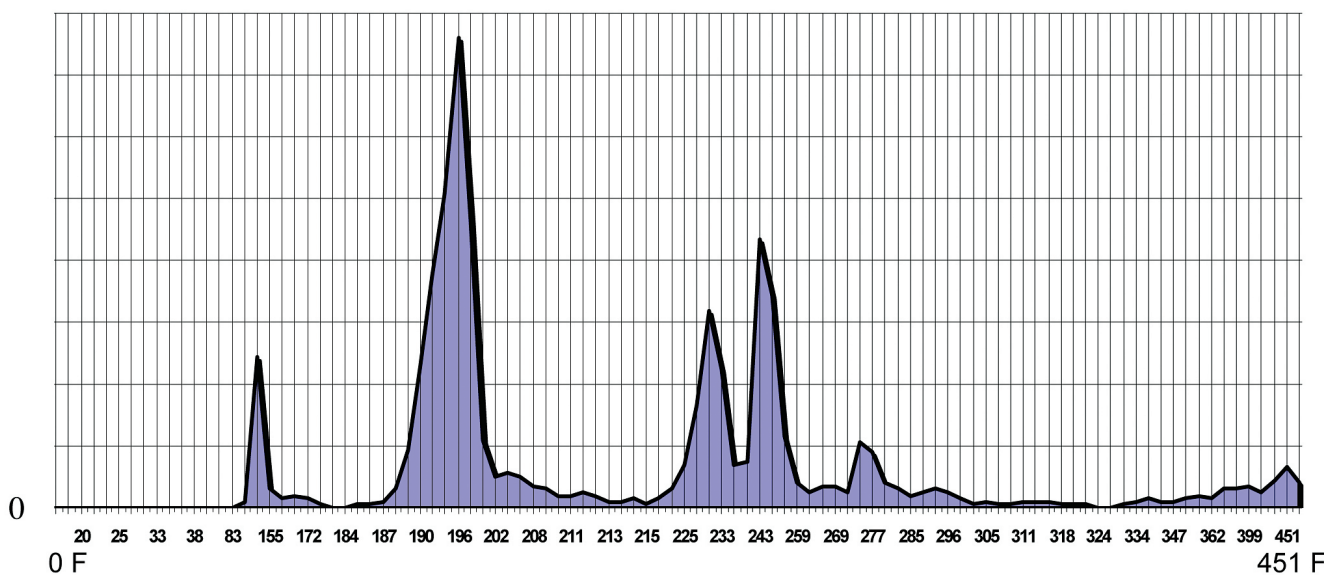
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## Conditions

Technique : GC-capillary  
Column : Agilent CP-Sil 5 CB UltiMetal, 0.53 mm x 10 m  
(df = 5  $\mu$ 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  $\mu$ L  
Calculations : Envantage Simdist- 2000 with Sulfur module  
Total sulfur = 122 ppm

Ppm-Sulfur w/v

16



10 min

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This information is subject to change without notice.

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