

# Extended simulated distillation of motor oil

### **Application Note**

Energy & Fuels

#### Authors

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#### Introduction

Extended simulated distillation of a motor oil according to D2887 with an Agilent HT-SimDist CB UltiMetal column.



Technique	: GC					
Column	: Agilent HT-SimDist CB UltiMetal, 0.53 mm x 5 m (df = 0.09 μm) (Part No. CP7569)					
Temperature	: -20 °C $\rightarrow$ 430 °C, 10 °C/min, 5 min					
Carrier Gas	: He, 25 kPa					
Injector	: PTV					
Detector	: FID					
	150000				Boiling	g point (°C)
	140000	100 -100	200	300	400	500
	130000				M	
	120000					
	110000				N I	
	100000					
	90000					

600 80000 Signal Signal 60000 50000 40000 30000 IBP FBP 20000 10000 е 0 45 35 40 5C 5 10 15 20 25 30

Retention time (min)

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