

**TEST METHOD D5480
ENGINE OIL VOLATILITY BY GAS CHROMATOGRAPHY TEST
FORM 2
RESULT SUMMARY SHEET**

Test Lab: _____		<u>Equipment</u>
Test Method: ^A _____		Manufacturer: _____
Date Completed: _____		Model: _____
EOT Time: _____		Laboratory Oil Code: _____
Instrument ID: _____		Instrument Run No.: _____
Oil Code: _____		
TMC Industry Oil Code: _____	Date of Last TMC Calibration: ^B _____	Date Calibration Expiration: ^B _____

Daily Calibration

Daily Check Sample ID: _____	Calibration Date: _____
Calibration Oil % Volatized @ 371°C (700°F): _____	Calibration Time: _____
<u>Injector</u>	<u>Carrier Gas</u>
Initial Injector Temperature °C: _____	Type (H, He, N): _____
On-Column? (Y or N): _____	Flow Rate, ml/min: _____
Temperature Programmed? (Y or N): _____	
Type of Column (Packed or Open): _____	

Packed Column

Support Material: _____

Stationary Phase Material: _____

Percent Loading: _____

Column Length, meters: _____

Column Diameter, mm: _____

Resolution: _____

Open Column

Stationary Phase Material: _____

Film Thickness, µm: _____

Column Length, meters: _____

Column Diameter, mm: _____

Resolution: _____

Temperature Program

Initial Temperature, °C: _____

Initial Hold Time, min: _____

Temperature Ramp, °C/min: _____

Oven Track (Y or N): _____

Final Temperature, °C: _____

Final Hold Time, min: _____

Sample Preparation (D5480 only)

Sample Weight, g: _____

Internal Standard Weight, g: _____

Sample Injection

Volume, µl: _____

Solvent: _____

Sample Concentration, %: _____

Autosampler? (Y or N): _____

Detector

Detector Type: _____

Temperature, °C: _____

Software

Commercial Product? (Y or N): _____

Name of Commercial Product: _____

Relative Response (n - C₁₀ = 1):

n - C₂₀: _____

n - C₃₀: _____

n - C₄₀: _____

Sample % Volatized @ 371°C (700°F):

(Mass % for D5480)

^A D5480 or D6417

^B Report for non-reference oils only. Instrument calibration period is 90 days from the EOT date of the last successful instrument calibration using a TMC blind reference oil.

**TEST METHOD D5480
ENGINE OIL VOLATILITY BY GAS CHROMATOGRAPHY TEST
FORM 3
COMMENTS**

Test Lab:	Test Method:
Test Number /	Oil Code:

OUT-OF-LIMIT DATA AND TIME, TEST MODIFICATIONS AND COMMENTS

Number of Comment Lines		

COMMENTS