

Report Forms

**TEST METHOD D5480
ENGINE OIL VOLATILITY BY GAS CHROMATOGRAPHY TEST**

VERSION 20020201 BETA

TEST METHOD ^A *METHOD*
CONDUCTED FOR
TSTSPON1
TSTSPON2

<i>LABVALID</i>	V = VALID
	I = INVALID

Test Number	
Instrument ID: <i>INSTRUID</i>	Instrument Run Number: <i>INSTRUNO</i>

Date Completed: <i>DTCOMP</i>	EOT Time: <i>EOTTIME</i>		
Oil Code: ^B <i>CMIR/OILCODE</i>			
Alternate Codes:	<i>ALTCODE1</i>	<i>ALTCODE2</i>	<i>ALTCODE3</i>

In my opinion this test *OPVALID* been conducted in a manner in accordance with the Test Method D5480 and the appropriate amendments through the information letter system. The remarks included in this report describe the anomalies associated with this test.

^A D5480

^B CMIR or Non-reference Oil Code

SUBMITTED BY: _____ *SUBLAB*
Testing Laboratory

_____ *SUBSIGIM*
Signature

_____ *SUBNAME*
Typed Name

_____ *SUBTITLE*
Title

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

Test Lab: <i>LAB</i>		<u>Equipment</u>	
Test Method: ^A <i>METHOD</i>		Manufacturer: <i>MANUFACT</i>	
Date Completed: <i>DTCOMP</i>		Model: <i>MODEL</i>	
EOT Time: <i>EOTIME</i>		Laboratory Oil Code: <i>LABOCODE</i>	
Instrument ID: <i>INSTRUID</i>		Instrument Run No.: <i>INSTRUNO</i>	
Oil Code: <i>CMIR/OILCODE</i>			
TMC Industry Oil Code: <i>IND</i>	Date of Last TMC Calibration: ^B <i>DTLSTCAL</i>	Date Calibration Expiration: ^B <i>DTCALEXP</i>	

Daily Calibration

Daily Check Sample ID: CALOILID Calibration Date: DTCAL

Calibration Oil % Volatized @ 371°C (700°F): CALVOL Calibration Time: CALTIME

Injector **Carrier Gas**

Initial Injector Temperature °C: ININJTMP Type (H, He, N): CARTYPE

On-Column? (Y or N): IONCOL Flow Rate, ml/min: CFLWRTE

Temperature Programmed? (Y or N): TMPPRO

Type of Column (Packed or Open): TYPECOL

Packed Column

Support Material: SUPMAT

Stationary Phase Material: STAPHPAK

Percent Loading: PERLOAD

Column Length, meters: COLTHPAK

Column Diameter, mm: COLDIAMP

Resolution: RESOLPAK

Open Column

Stationary Phase Material: STAPHOPN

Film Thickness, µm: FILMTH

Column Length, meters: COLTHOPN

Column Diameter, mm: COLDIAMO

Resolution: RESOLOPN

Temperature Program

Initial Temperature, °C: INITMP

Initial Hold Time, min: INIHLDTM

Temperature Ramp, °C/min: TMPRAMP

Oven Track (Y or N): TMPOVTCK

Final Temperature, °C: TMPFNL

Final Hold Time, min: HLDTMFNL

Sample Preparation (D5480 only)

Sample Weight, g: SWGHT

Internal Standard Weight, g: SISTDWT

Sample Injection

Volume, µl: VOLSI

Solvent: SOLSI

Sample Concentration, %: SCONSI

Autosampler? (Y or N): AUTOSI

Detector

Detector Type: DETYPE

Temperature, °C: TMPDET

Software

Commercial Product? (Y or N): COMPROD

Name of Commercial Product: COMNAME

Relative Response (n - C₁₀ = 1):

n - C₂₀: RELRR20

n - C₃₀: RELRR30

n - C₄₀: RELRR40

Sample % Volatized @ 371°C (700°F):

 SAMPVOLM/SAMPVOLA
(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: <i>LAB</i>	Test Method: <i>METHOD</i>
Test Number <i>INSTRUID</i> / <i>INSTRUNO</i>	Oil Code: <i>CMIR/OILCODE</i>

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

Number of Comment Lines	<i>TOTCOM</i>	
<i>OCOMR001</i>		