Report Forms

TEST METHOD D5480
ENGINE OIL VOLATILITY BY GAS CHROMATOGRAPHY TEST

VERSION   *20020201*

TEST METHOD [A] *METHOD*
CONDUCTED FOR
TSTSPON1

TSTSPON2

LABVALID	V = VALID
	I = INVALID

Test Number	
Instrument ID: *INSTRUID*	Instrument Run Number: *INSTRUNO*

Date Completed: *DTCOMP*	EOT Time: *EOTTIME*	
Oil Code: [B] *CMIR/OILCODE*		
Alternate Codes: *ALTCODE1*	*ALTCODE2*	*ALTCODE3*

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 REPORT COVER

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

Test Lab: *LAB*	**Equipment**
Test Method: [A] *METHOD*	Manufacturer: *MANUFACT*
Date Completed: *DTCOMP*	Model: *MODEL*
EOT Time: *EOTTIME*	Laboratory Oil Code: *LABOCODE*
Instrument ID: *INSTRUID*	Instrument Run No.: *INSTRUNO*
Oil Code: *CMIR/OILCODE*	

TMC Industry Oil Code: *IND*	Date of Last TMC Calibration: [B] *DTLSTCAL*	Date Calibration Expiration: [B] *DTCALEXP*

Daily Calibration

Daily Check Sample ID: *CALOILID* Calibration Date: *DTCAL*

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

Injector

Initial Injector Temperature ˚C: *ININJTMP*

On-Column? (Y or N): *IONCOL*

Temperature Programmed? (Y or N): *TMPPRO*

Carrier Gas

Type (H, He, N): *CARTYPE*

Flow Rate, ml/min: *CFLWRTE*

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 - C$_{10}$ = 1):

n - C$_{20}$: *RELRRC20*

n - C$_{30}$: *RELRRC30*

n - C$_{40}$: *RELRRC40*

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.

RESULT SUMMARY SHEET

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

Test Lab: *LAB*	Test Method: *METHOD*
Test Number *INSTRUID* / *INSTRUNO*	Oil Code: *CMIR/OILCODE*

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

Number of Comment Lines	*TOTCOM*	
OCOMR001		

COMMENTS