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 Oil % Volatized @ 371˚C (700˚F): *CALVOL*
Calibration Date: *DTCAL*
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: *ININHLDTM*
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