



Test Monitoring Center

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ROLLER FOLLOWER WEAR TEST INFORMATION LETTER 12-1
Sequence No. 9
June 11, 2012

ASTM consensus has not been obtained on this information letter. An appropriate ASTM ballot will be issued in order to achieve such consensus.

TO: RFWT Mailing List
SUBJECT: RFWT Specified Fuel Designation Change

As approved by email ballot the panel has changed fuel designation information for the 0.04% sulfur fuel in the RFWT test. Section 7.1.3 has been updated to reflect this change and is attached.

The attached changes to Test Method D5966 are effective with the date of this letter.

Robert Stockwell
Chairman
RFWT Surveillance Panel

Frank M. Farber
Administrator
ASTM Test Monitoring Center

Attachment

c: ftp://ftp.astmtmc.cmu.edu/docs/diesel/rfw/procedure_and_ils/rfw/il12-1.pdf

Distribution: Email

(Revises D5966-10)

7.1.3 *Fuel*—Approximately 600 L of either PC-9 or PC-9-HS Reference Diesel Fuel are required for each test.⁵
(**Warning**—Combustible. Health hazard. Use adequate safety provisions.)

X1. PC-9 and PC-9-HS REFERENCE DIESEL FUEL PROPERTIES

X1.1 The properties for PC-9 and PC-9-HS Reference Diesel Fuel are shown in Table X1.1.

TABLE X1.1 PC-9 and PC-9-HS Reference Test Fuel

Property	Test Method	Minimum ^A	Maximum ^A
Sulfur, mass %	D2622	0.04	0.05
Gravity, °API	D287 or D4052	34.5	36.5 (37)
Hydrocarbon Composition, Vol %			
Aromatics	D1319 (FIA)	27 (28)	33
Olefin	D1319 (FIA)	Report	48
Cetane Number	D613	40 (42)	48
Cetane Index	D4737 and D976	Report	1
Copper Strip Corrosion	D130
Flash Point, °C	D93	54	...
Pour Point, °C	D97	...	-18
Cloud Point, °C	D2500	Report	...
Carbon Residue on 10 % Residuum, mass %	D524 (10 % Bottoms)	...	0.35
Water and Sediment, Vol %	D2709	...	0.05
Viscosity, mm ² /s @ 40 °C	D445	2.4	3.0
Ash, mass %	D482	...	0.005
Total Acid Number	D664	...	0.05
Strong Acid Number	D664	...	0.00
Accelerated Stability	D2274	Report	...
Distillation, °C	D86
10 % Vol		Report	...
50 % Vol		Report	...
90 % Vol		282	338
EP		Report	...

^A Minimum/maximum numbers in parentheses are EPA Certification Fuel Specifications.

⁵ Available from Chevron Phillips, Phillips 66 Co., Marketing Services Center, P.O. Box 968, Borger, TX 79008-0968.