A2. Report Forms D 5968 Evaluation of the Corrosiveness of Diesel Engine Oil

Version Conducted For

V = Valid
I = Invalid
N = Results cannot be interpreted as representative of oil performance. (Non- Reference Oil)

Test Number								
Bath:	Bath Run:	Bath Position:						
End of Test Date	2.	End of Test Time:						
Oil Code ^A :								
Formulation/Stand Code:								
Alternate Codes:								

In my opinion this test been conducted in a valid manner in accordance with the Test Method D5968 and the appropriate amendments through the information letter system. The remarks included in the report describe the anomalies associated with this test.

A CMIR or Non-Reference Oil Code

Testing Laboratory

Signature

Typed Name

Title

D 5968 Evaluation of the Corrosiveness of Diesel Engine Oil Summary of Results

Lab:	Bath:	Bath Run:	Bath Position:
EOT Date:		EOT Time:	
Oil Code:			Start Date:
Formulation/St	and Code:		
Test Length:			

Test Oil Identification					
Reference Oil Test	Non-Reference Oil Test				
CMIR Code :	Oil Code:				
TMC Oil No.:	Formulation/Stand Code:				
SAE Viscosity:	SAE Viscosity:				
Lab Oil Code:	Lab Oil Code:				

	Change in Metal Concentration (ppm)									
	Reference Oil Test					Non-F	Reference	Oil Test		
		Average					Average			
Metal Type	New Oil (ppm)	Used Oil (ppm)	Δ (ppm)	Correction Factor	Corrected Average	New Oil (ppm)	Used Oil (ppm)	Δ (ppm)	Correction Factor	Corrected Average
Copper										
Lead										
Tin										

ASTM D-130 Copper Strip Rating						
Reference Oil Test	Non-Reference Oil Test					

Metal Type	Reference Oil Test	Specimen	Non-Reference Oil Test Specime
	Batch ID Number	Batch Code	Batch I.D. Number
Copper (Cu)			
Lead (Pb)			
Tin (Sn)			
Bronze			

Fig. A2.2 Summary of Results

D 5968 Evaluation of the Corrosiveness of Diesel Engine Oil Detailed Test Results

Lab:	Bath:	Bath Run:	Bath Position:
EOT Date:		EOT Time:	
Oil Code:			Start Date:
Farmer lation /Star	nd Codos		

Formulation/Stand Code:

		Metal Con	centration:	New Oil				
		Reference Oil Test				Non-Reference Oil Test		
Metal Type	Run 1 (ppm)	Run 2 (ppm)	Average (ppm)	Run 1 (ppm)	Run 2 (ppm)	Average (ppm)		
Copper (Cu)								
Lead (Pb)								
Tin (Sn)								
Internal Std.								

		Ν	Aetal Concen	tration: Nev	v Oil	
		Reference	e Oil Test		Non-Re	eference Oil Test
Metal Type	Run 1 (ppm)	Run 2 (ppm)	Average (ppm)	Run 1 (ppm)	Run 2 (ppm)	Average (ppm)
Copper (Cu)						
Lead (Pb)						
Tin (Sn)						
Internal Std.						

Evaporation Loss (%)						
Reference Oil Test Non-Reference Test						

	Weight Change of Metal Specimens: ^A								
	Reference Oil Test	Non-Reference Oil Test							
Metal Type	Weight Change (mg/cm ²)	Weight Change (mg/cm ²)							
Copper (Cu)									
Lead (Pb)									
Tin (Sn)									
Internal Std.									

^A (+ for weight increase, - for weight loss)

D 5968 Evaluation of the Corrosiveness of Diesel Engine Oil Comments

Lab:	Bath:	Bath Run:	Bath Position:					
EOT Date:		EOT Time:						
Oil Code:			Start Date:					
Formulation/Stand Code:								
Number of Comment Lines								
Number of	Comment Lines							

D 5968 Evaluation of the Corrosiveness of Diesel Engine Oil at 121°C Comments

Lab:	Bath:	Bath Run:	Bath Position:			
EOT Date	•	EOT Time:				
Oil Code:			Start Date:			
Formulati	Formulation/Stand Code:					
Number of Comment Lines						

D 5968 Evaluation of the Corrosiveness of Diesel Engine Oil at 121°C Comments

Lab:	Bath:	Bath Run:	Bath Position:						
EOT Date:		EOT Time:							
Oil Code:			Start Date:						
Formulation/Stand Code:									
Number of	Number of Comment Lines								