



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

<b>Lab:</b>	<b>Bath:</b>	<b>Bath Run:</b>	<b>Bath Position:</b>
<b>EOT Date:</b>		<b>EOT Time:</b>	
<b>Oil Code:</b>			<b>Start Date:</b>
<b>Formulation/Stand Code:</b>			
<b>Test Length:</b>			

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

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

<b>ASTM D-130 Copper Strip Rating</b>	
<b>Reference Oil Test</b>	<b>Non-Reference Oil Test</b>

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

**Fig. A2.2 Summary of Results**

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

<b>Lab:</b>	<b>Bath:</b>	<b>Bath Run:</b>	<b>Bath Position:</b>
<b>EOT Date:</b>		<b>EOT Time:</b>	
<b>Oil Code:</b>			<b>Start Date:</b>
<b>Formulation/Stand Code:</b>			

<b>Metal Concentration: New Oil</b>						
<b>Metal Type</b>	<b>Reference Oil Test</b>			<b>Non-Reference Oil Test</b>		
	<b>Run 1 (ppm)</b>	<b>Run 2 (ppm)</b>	<b>Average (ppm)</b>	<b>Run 1 (ppm)</b>	<b>Run 2 (ppm)</b>	<b>Average (ppm)</b>
<b>Copper (Cu)</b>						
<b>Lead (Pb)</b>						
<b>Tin (Sn)</b>						
<b>Internal Std.</b>						

<b>Metal Concentration: New Oil</b>						
<b>Metal Type</b>	<b>Reference Oil Test</b>			<b>Non-Reference Oil Test</b>		
	<b>Run 1 (ppm)</b>	<b>Run 2 (ppm)</b>	<b>Average (ppm)</b>	<b>Run 1 (ppm)</b>	<b>Run 2 (ppm)</b>	<b>Average (ppm)</b>
<b>Copper (Cu)</b>						
<b>Lead (Pb)</b>						
<b>Tin (Sn)</b>						
<b>Internal Std.</b>						

<b>Evaporation Loss (%)</b>	
<b>Reference Oil Test</b>	<b>Non-Reference Test</b>

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

<sup>A</sup> (+ for weight increase, - for weight loss)

**Fig. A2.3 Detailed Test Results**





