

CONSTRUCTION EQUIPMENT PETERBILT 337 CM143534 - DIESEL ENGINE



 Sample No:
 VCP376608

 Oil Type:
 MOBIL 15W40

Job No:

SAMPLE I	NFORMATION			
Sample Number	-	VCP376608		
Sample Date		24 Mar 2024		
Machine Hours		25000		
Oil Hours		0		
Oil Changed		Changed		
Sample Status		ABNORMAL		
OIL CONDI	TION			
Visc @ 100°C	cSt	15.8		
Base Number (BN)		▲ 3.9		
Oxidation (PA)	%	265		
VOLVO				
Contamii	NATION		<u> </u>	
Water	%	NEG		
Soot %	%	2.5		
Nitration (PA)	%	230		
Sulfation (PA)	%	122		
Glycol	%	NEG		
Fuel	%	<1.0		
Silicon	ppm	26		
Sodium	ppm	21		
Potassium	ppm	A 87		
VOLVO				
WEAR ME	TALS			
Iron	ppm	241		

SILVERPOINT ENTERPRISES 637N 2743E ROBERTS, ID US 83444

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Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. Sodium and/or potassium levels are high. Test for glycol is negative. The BN level is low. The condition of the oil is acceptable for the time in service.

WEAR I	METALS			
Iron	ppm	241	 	
Copper	ppm	7	 	
Lead	ppm	9	 	
Tin	ppm	2	 	
Aluminum	ppm	10	 	
Chromium	ppm	11	 	
Molybdenum	ppm	54	 	
Nickel	ppm	3	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	<1	 	

ADDITIVES							
Calcium	ppm	1531					
Magnesium	ppm	465					
Zinc	ppm	1158					
Phosphorus	ppm	1027					
Barium	ppm	2					
Boron	ppm	96					

Depot:SILROBIDUnique No:11022910Signed:Jonathan HesterReport Date:17 May 2024

Report Id: SILROBID [WUSCAR] 06176857 (Generated: 05/17/2024 08:02:02) Rev: 1

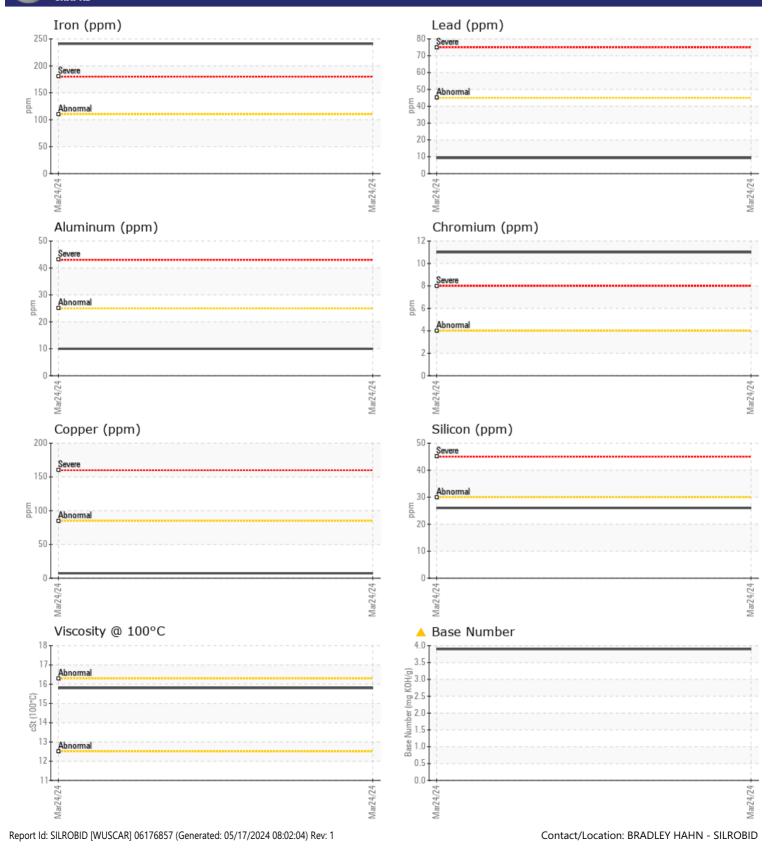
Contact/Location: BRADLEY HAHN - SILROBID

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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