CONSTRUCTION EQUIPMENT SW1024614 ODDONETTO VOLVO EC750E 314229 - DIESEL ENGI

Sample No: VCP405324

VOLVO

Oil Type: DIESEL ENGINE OIL SAE 15W40 Job No: SW1024614 ODDONETTO

SAMPLE I	NFORMATION				
Sample Number	-	VCP405324			
Sample Date		01 Oct 2023			
Machine Hours		544			
Oil Hours		0			
Oil Changed		Changed			
Sample Status		ABNORMAL			
OIL CONDI	TION				
Visc @ 100°C	cSt	<mark>/</mark> 9.6			
Base Number (BN)	mg KOH/g	A 3.7			
Oxidation (PA)	%	61			
CONTAMINATION					
Soot %	%	0.4			
Niturations (DA)	0/	50			

Nitration (PA)	%	53	 	
Sulfation (PA)	%	57	 	
Glycol	%	0.0	 	
Fuel	%	0.9	 	
Silicon	ppm	16	 	
Sodium	ppm	3	 	
Potassium	ppm	 <1	 	

WFAR METALS

				/
Iron	ppm	13	 	
Copper	ppm	A 186	 	
Lead	ppm	2	 	
Tin	ppm	3	 	
Aluminum	ppm	 <1	 	
Chromium	ppm	□ <1	 	
Molybdenum	ppm	42	 	
Nickel	ppm		 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	■<1	 	
Vanadium	ppm	0	 	

ADDITIVES					
ppm	1289				
ppm	21				
ppm	819				
ppm	639				
ppm	0				
ppm	12				
	ppm ppm ppm ppm	ppm 21 ppm 819 ppm 639 ppm 0	ppm 21 ppm 819 ppm 639 ppm 0	ppm 21 ppm 819 ppm 639 ppm 0	



ARNOLD MACHINERY COMPANY

4323 EAST WINSLOW AVENUE PHOENIX, AZ US 85040 Contact: RANDY PRZEKURAT randyp@arnoldmachinery.com T: F: (602)414-1904

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.The copper level is abnormal. In the absence of other significant wear metals, suspect copper due to sources other than wear (i.e. cooling core). All other metal levels are typical for a new component breaking in. Fuel content negligible. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN level is low. Confirm oil type.

 Depot:
 VOLVO6174

 Unique No:
 10685870

 Signed:
 Don Baldridge

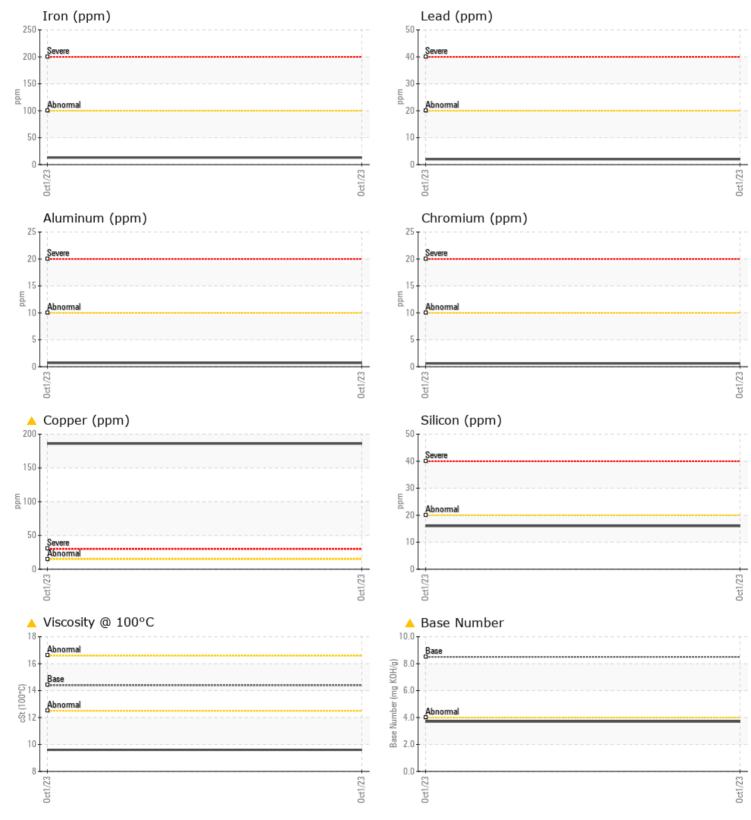
 Report Date:
 11 Oct 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: RANDY PRZEKURAT - VOLVO6174