CONSTRUCTION EQUIPMENT SW1026387 BLUCOR VOLVOL110H 632598 - DIESEL ENGINE

Sample No:VCP443376Oil Type:DIESEL ENGINE OI

VOLVO

Job No:

DIESEL ENGINE OIL SAE 15W40 SW1026387 BLUCOR

VOLVO				
SAMPLE II	NFORMATION			
Sample Number	-	VCP443376	 	
Sample Date		09 Nov 2023	 	
Machine Hours		722	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ATTENTION	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	11.6	 	
Base Number (BN)	mg KOH/g	■ 8.6	 	
Oxidation (PA)	%	67	 	
CONTAMIN	NATION			
Water	%	NEG	 	
Soot %	%	■ 0.4	 	
Nitration (PA)	%	56	 	
Sulfation (PA)	%	58	 	
Glycol	%	NEG	 	
Fuel	%	0.3	 	
Silicon	ppm	1 4	 	
Sodium	ppm	2	 	
Potassium	ppm	4	 	

Potassium

WEAR METALS						
Iron	ppm	35				
Copper	ppm	17				
Lead	ppm	3				
Tin	ppm	3				
Aluminum	ppm	23				
Chromium	ppm	2				
Molybdenum	ppm	72				
Nickel	ppm					
Titanium	ppm	 <1				
Silver	ppm	∎1				
Manganese	ppm	2				
Vanadium	ppm	0				

ADDITIVES							
Calcium	ppm	1465					
Magnesium	ppm	569					
Zinc	ppm	1063					
Phosphorus	ppm	875					
Barium	ppm	28					
Boron	ppm	48					



ARNOLD MACHINERY COMPANY

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Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

 Depot:
 VOLVO6174

 Unique No:
 10751277

 Signed:
 Jonathan Hester

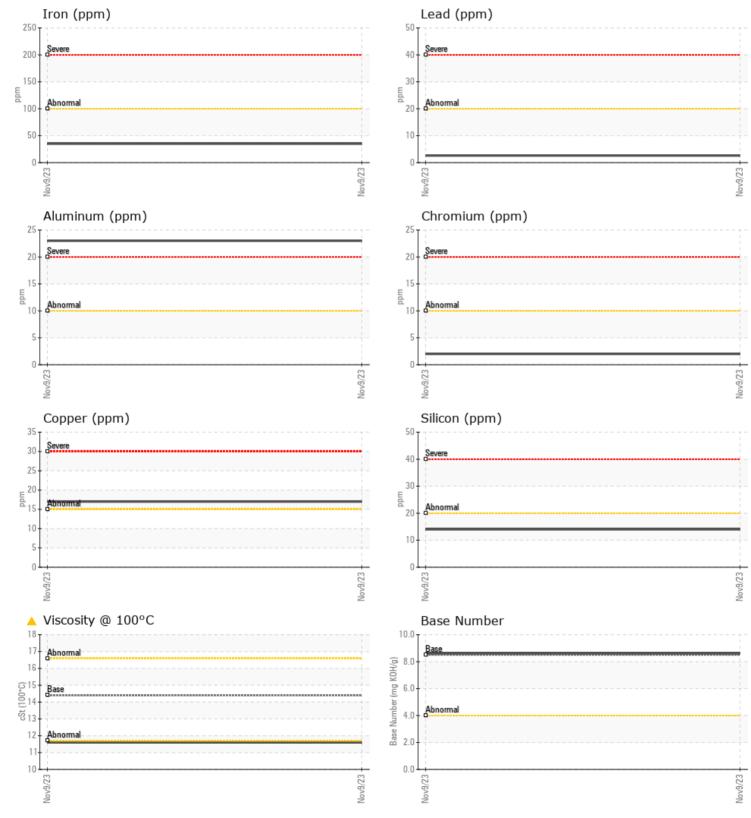
 Report Date:
 24 Nov 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO6174 [WUSCAR] 06012133 (Generated: 11/24/2023 11:22:12) Rev: 1

Contact/Location: RANDY PRZEKURAT - VOLVO6174