CONSTRUCTION EQUIPMENT X58776 VOLVO L180H 5662 - DIESEL ENGINE



Sample No: VCP405793 **Oil Type: DIESEL ENGINE OIL SAE 30** Job No: X58776

VOLVO

VOLVO							
	FORMATION						
Sample Number	-	VCP405793					
Sample Date		19 Oct 2023					
Machine Hours		472					
Oil Hours		0					
Oil Changed		N/A					
Sample Status		ABNORMAL					
OIL CONDI	ΓΙΩΝ						
	•	=11.0	-	-			
Visc @ 100°C	cSt	■11.0					
Base Number (BN)		5.8					
Oxidation (PA)	%	58					
VOLVO							
CONTAMINATION							
Soot %	%	∎0.1					
Nitration (PA)	%	77					
Sulfation (PA)	%	53					
Glycol	%	NEG					
Fuel	%	0.5					
Silicon	ppm	24					
Sodium	ppm	4					
Potassium	ppm	6					
WEAR MET	TAL 5						

WEAR N	METALS			
Iron	ppm	10	 	
Copper	ppm	🔺 255	 	
Lead	ppm	2	 	
Tin	ppm	3	 	
Aluminum	ppm	3	 	
Chromium	ppm	0	 	
Molybdenum	ppm	83	 	
Nickel	ppm	1	 	
Titanium	ppm	0	 	
Silver	ppm		 	
Manganese	ppm	3	 	
Vanadium	ppm	0	 	

Vanadium

opm	- 2110			ADDITIVES								
	2118											
opm	18											
opm	1259											
opm	1035											
opm	0											
opm	4 3											
	opm opm opm	ppm 1259 ppm 1035 ppm 0	ppm 1259 ppm 1035 ppm 0	1259 ppm 1035 ppm 0								



SCOTT EQUIPMENT COMPANY LLC - Saint Rose PO BOX 997 SAINT ROSE, LA US 70087 Contact: DANA FOSHEE dfoshee@scottcompanies.com T: (504)461-0961 F: (504)461-0970

Diagnosis

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. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Depot: SCOSAI Unique No: 10708806 Signed: Don Baldridge Report Date: 25 Oct 2023

Report Id: SCOSAI [WUSCAR] 05986144 (Generated: 10/25/2023 11:02:12) Rev: 1

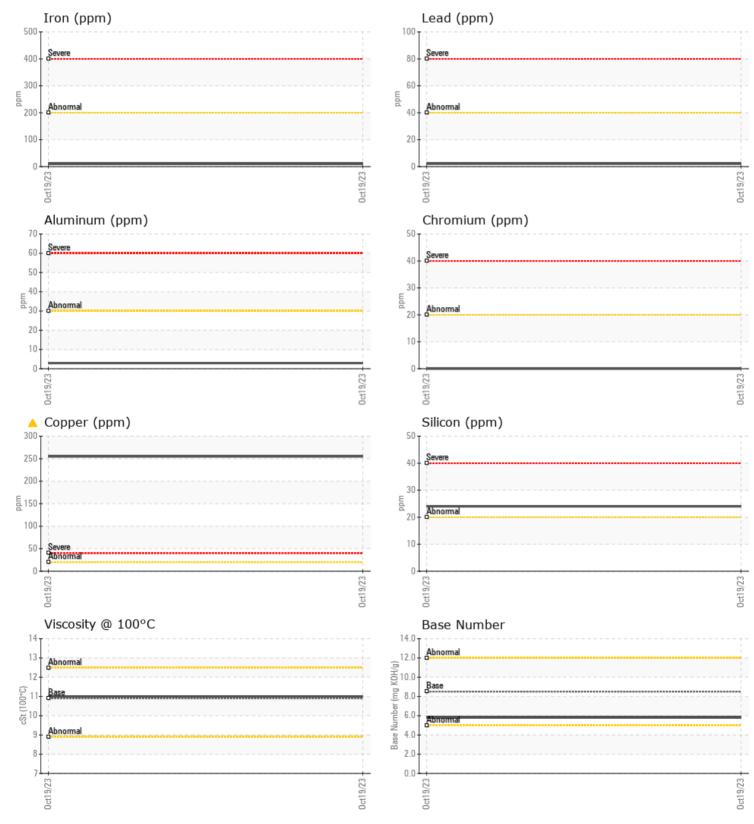
Contact/Location: DANA FOSHEE - SCOSAI

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: SCOSAI [WUSCAR] 05986144 (Generated: 10/25/2023 11:02:15) Rev: 1

Contact/Location: DANA FOSHEE - SCOSAI