**CONSTRUCTION EQUIPMENT** G07478 VOLVO EC380 314211 - DIESEL ENGINE



Sample No: VCP409821 **Oil Type: DIESEL ENGINE OIL SAE 30** Job No: G07478

VOLVO

## SAMPLE INFORMATION VCP409821 Sample Number Sample Date 07 Jul 2023 Machine Hours 4109

0

N/A

Sample Status		NORMAL						
OIL CONDITION								
Visc @ 100°C	cSt	<b>11.2</b>						
Base Number (BN)	mg KOH/g	5.7						
Oxidation (PA)	%	50						

CONTAMINATION					
Soot %	%	0.1			
Nitration (PA)	%	72			
Sulfation (PA)	%	58			
Glycol	%	NEG			
Fuel	%	<b>1.7</b>			
Silicon	ppm	<b>4</b>			
Sodium	ppm	0			
Potassium	ppm	2			

Oil Hours

Oil Changed

WLAN I	METAL3			
Iron	ppm	5	 	
Copper	ppm	2	 	
Lead	ppm	□<1	 	
Tin	ppm		 	
Aluminum	ppm	2	 	
Chromium	ppm	0	 	
Molybdenum	ppm	<b>12</b>	 	
Nickel	ppm		 	
Titanium	ppm	<b>1</b> 9	 	
Silver	ppm	0	 	
Manganese	ppm	□<1	 	
Vanadium	ppm	0	 	

ADITIVES					
ppm	2030				
ppm	209				
ppm	<b>1043</b>				
ppm	882				
ppm	0				
ppm	<b>16</b>				
	ppm ppm ppm ppm	ppm  209    ppm  1043    ppm  882    ppm  0	ppm  209     ppm  1043     ppm  882     ppm  0	ppm  209      ppm  1043      ppm  882      ppm  0	



**HOFFMAN EQUIPMENT - DEPTFORD** 

1330 HURFFVILLE ROAD DEPTFORD, NJ US 08096 Contact: TAMMY SANDORA tammy.sandora@hoffmanequip.com T: (856)227-6400 F: (856)227-0046

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 30. Please confirm. All component wear rates are normal. Light fuel dilution occurring. No

other contaminants were detected 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: VOLVO8880 Unique No: 10552475 Signed: Wes Davis Report Date: 13 Jul 2023

Report Id: VOLVO8880 [WUSCAR] 05896665 (Generated: 07/13/2023 15:51:16) Rev: 1

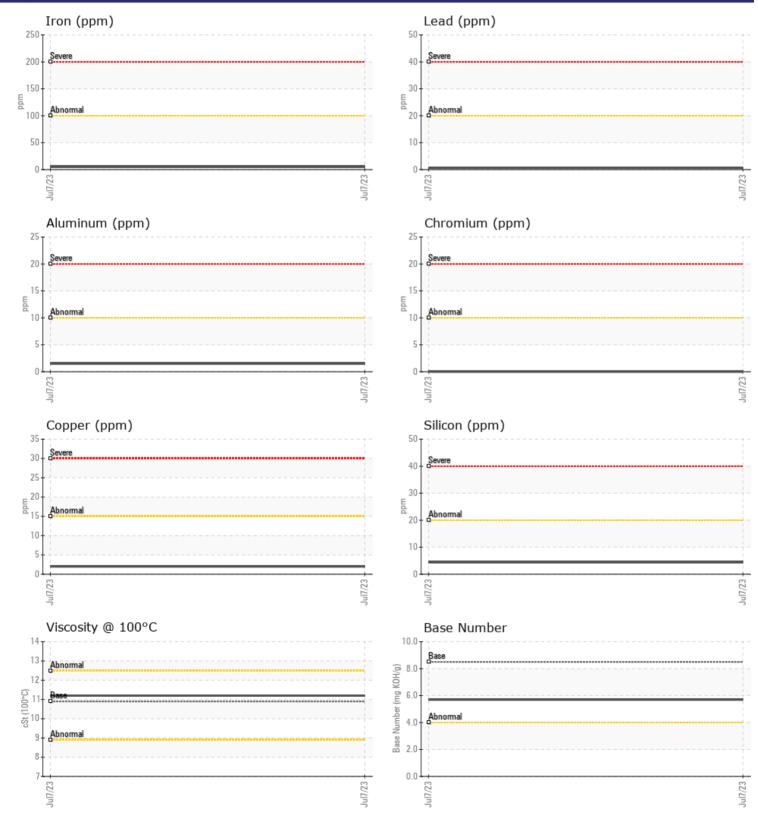
Contact/Location: TAMMY SANDORA - VOLVO8880

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Contact/Location: TAMMY SANDORA - VOLVO8880