CONSTRUCTION EQUIPMENT W07013510-2 TAKEUCHI TL 12RZ 412106919 - DIESEL ENGINE

Sample No:	VCP414568
Oil Type:	DIESEL ENGINE OIL SAE 15W40
Job No:	W07013510-2

VOLVO

## SAMPLE INFORMATION Sample Number VCP414568 Sample Date 09 Oct 2023 Machine Hours 50 Oil Hours 50 Oil Changed Changed ABNORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt **10.4** Base Number (BN) mg KOH/g 10.0 Oxidation (PA) 30 % CONTAMINATION \_ ^ ^

Soot %	%	0.2	 	
Nitration (PA)	%	51	 	
Sulfation (PA)	%	39	 	
Glycol	%	NEG	 	
Fuel	%	<b>1.9</b>	 	
Silicon	ppm	22	 	
Sodium	ppm	<b>4</b>	 	
Potassium	ppm	<b>A</b> 133	 	

WFAR METAL

WEAR M	ICTALS			
Iron	ppm	<b>1</b> 4	 	
Copper	ppm	9	 	
Lead	ppm	□<1	 	
Tin	ppm		 	
Aluminum	ppm	3	 	
Chromium	ppm		 	
Molybdenum	ppm	135	 	
Nickel	ppm		 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	0	 	

variacita

ADDITIVES						
ppm	2540					
ppm	60					
ppm	561					
ppm	<b>454</b>					
ppm	3					
ppm	<b>140</b>					
	ppm ppm ppm ppm	ppm 60 ppm 561 ppm 454 ppm 3	ppm         60            ppm         561            ppm         454            ppm         3	ppm         60             ppm         561             ppm         454             ppm         3		



McClung-Logan Virginia LLC- RICHMOND

1345 MOUNTAIN ROAD GLEN ALLEN, VA US 23060 Contact: KYLE RATLIFFE KRATLIFFE@MCCLUNG-LOGAN.COM T:

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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.Metal levels are typical for a new component breaking in. Sodium and/or potassium levels are high. Fuel content negligible. Test for glycol is negative. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

 Depot:
 VOLVO8882

 Unique No:
 10695316

 Signed:
 Jonathan Hester

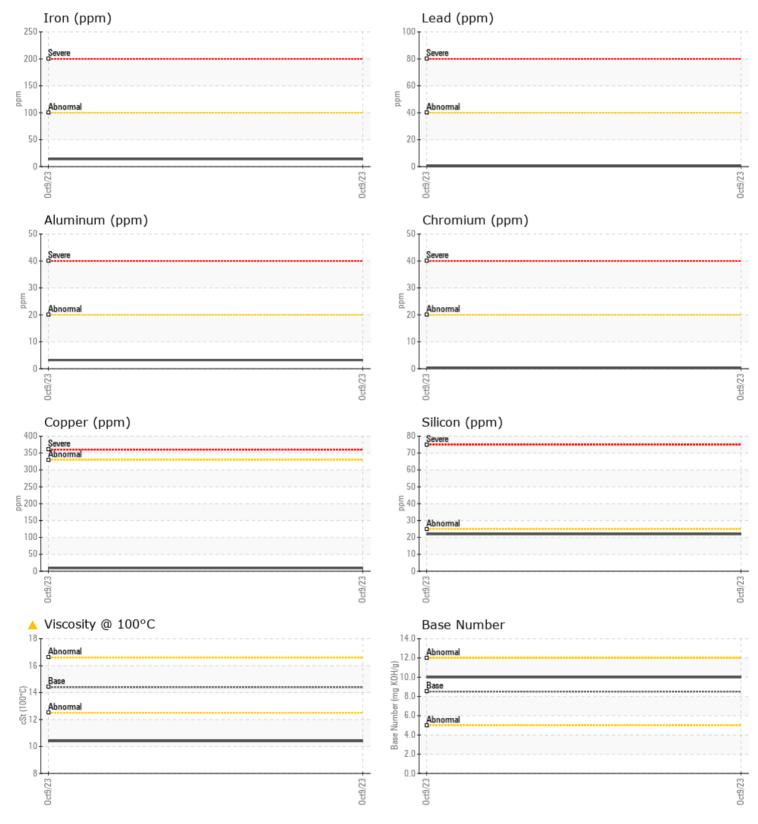
 Report Date:
 17 Oct 2023

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO8882 [WUSCAR] 05978021 (Generated: 10/17/2023 15:00:49) Rev: 1

Contact/Location: KYLE RATLIFFE - VOLVO8882