CONSTRUCTION EQUIPMENT W02007659 VOLVO A25G 752845 - DIESEL ENGINE



 Sample No:
 VCP420839

 Oil Type:
 MOBIL 15W40

 Job No:
 W02007659

Silver

Manganese

Vanadium

Calcium

Zinc Phosphorus

Barium

Boron

Magnesium

VOLVO

	NFORMATION			
		-		
Sample Number		VCP420839	 	
Sample Date		31 Oct 2023	 	
Machine Hours		538	 	
Oil Hours		500	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL CONDI				
	-			
Visc @ 100°C	cSt	▲ 11.4	 	
Base Number (BN)		5.9	 	
Oxidation (PA)	%	63	 	
VOLVO				
Contamin	NATION			
Soot %	%	0.2	 	
Nitration (PA)	%	73	 	
Sulfation (PA)	%	54	 	
Glycol	%	NEG	 	
Fuel	%	0.5	 	
Silicon	ppm	28	 	
Sodium	ppm	4	 	
Potassium	ppm	0	 	
WEAR ME	TAIS			
Iron	ppm	<b>1</b> 4	 	
Copper	ppm	<mark>人</mark> 296	 	
Lead	ppm	4	 	
Tin	ppm	<b>1</b>	 	
Aluminum	ppm	2	 	
Chromium	ppm	<b>  </b> <1	 	
Molybdenum	ppm	<b>79</b>	 	
Nickel	ppm	<b>■</b> <1	 	
Titanium	ppm	<1	 	

MCCLUNG-LOGAN EQUIPMENT CO - MANASSAS 8450 QUARRY ROAD MANASSAS, VA US 20110 Contact: MIKE MAYHUGH MMAYHUGH@MCCLUNG-LOGAN.COM T: (703)393-7344 F: (703)393-7844

## 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 result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

 Depot:
 VOL<sup>1</sup>

 Unique No:
 1072

 Signed:
 Don

 Report Date:
 06 N

VOLVO0002 10726083 Don Baldridge 06 Nov 2023

1

3

<1

1847

127

1172

903

**—** <1

87

ppm

ppm

ppm

ppm

ppm ppm

ppm

ppm

ppm

**ADDITIVES** 

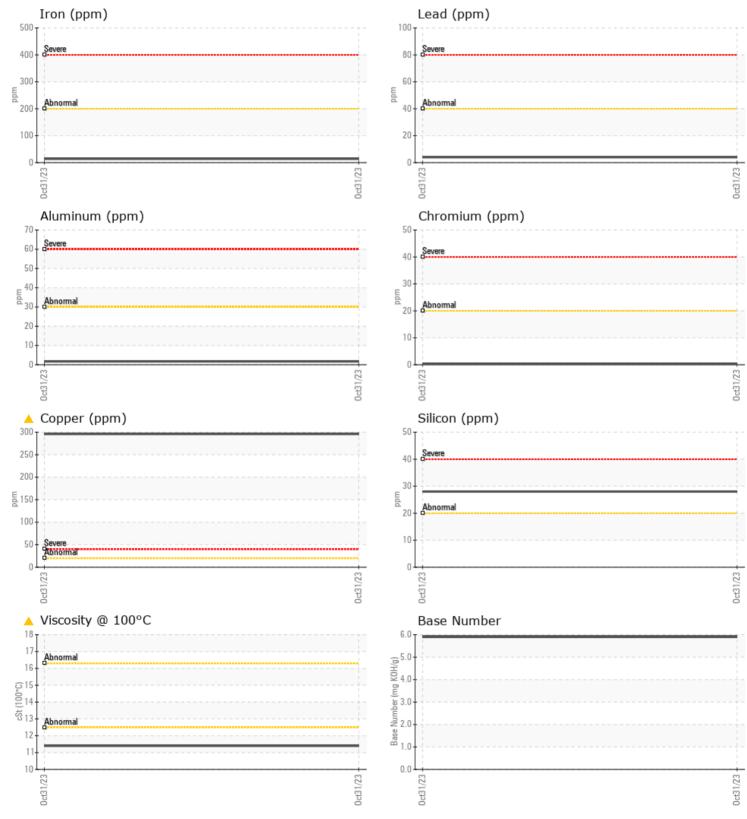
Contact/Location: MIKE MAYHUGH - VOLVO0002

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0002 [WUSCAR] 05997723 (Generated: 11/06/2023 15:00:04) Rev: 1

Contact/Location: MIKE MAYHUGH - VOLVO0002