CONSTRUCTION EQUIPMENT W07012851 SOUTHERN VOLVO ECR235E 314093 - FRONT RIGHT

 Sample No:
 VCP418020

 Oil Type:
 GEAR OIL SAE 80W140

 Job No:
 W07012851 SOUTHERN

**ADDITIVES** 

ppm

ppm

ppm

ppm

ppm

ppm

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

VOLVO

	E INFORMATION			
Sample Number		VCP418020	 	
Sample Date		26 Jul 2023	 	
Machine Hours		2008	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		SEVERE	 	
OIL CON	DITION			
Visc @ 40°C	cSt	277	 	
VOLVO				
Contai	MINATION			
Silicon	ppm	9347	 	
Sodium	ppm	<b>9</b>	 	
Potassium	ppm	27	 	
WEAR N	METALS			
Iron	ppm	<b>624</b>	 	
Copper	ppm		 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	<u> </u>	 	
Chromium	ppm	<u> </u>	 	
Molybdenum	ppm	3	 	
Nickel	ppm	2	 	
Titanium	ppm	6	 	
Silver	ppm	0	 	
Manganese	ppm	8	 	
Vanadium	ppm	<1	 	



McClung-Logan Virginia LLC- RICHMOND 1345 MOUNTAIN ROAD GLEN ALLEN, VA US 23060 Contact: KYLE RATLIFFE

KRATLIFFE@MCCLUNG-LOGAN.COM T: F: (804)266-1611

## Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.

Depot:	VOLVO8882		
Unique No:	10578258		
Signed:	Don Baldridge		
Report Date:	01 Aug 2023		

19

18

847

0

99

**4** 

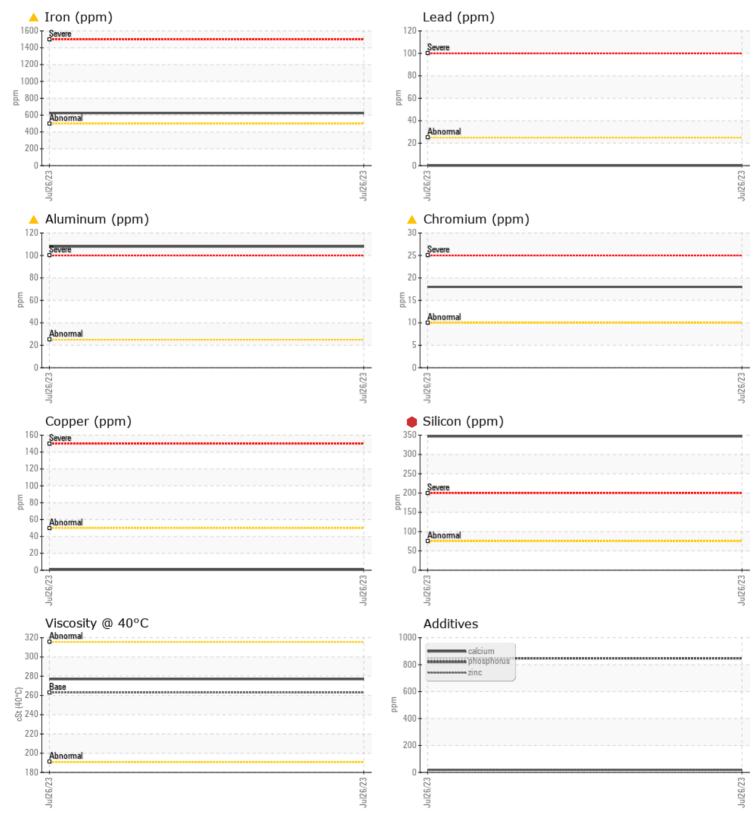
Contact/Location: KYLE RATLIFFE - VOLVO8882

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO8882 [WUSCAR] 05911606 (Generated: 08/01/2023 15:56:41) Rev: 1

Contact/Location: KYLE RATLIFFE - VOLVO8882