W07012851 SOUTHERN VOLVO ECR235E 314093 - FRONT LEFT FINAL D

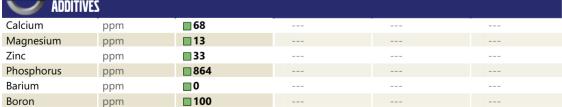
 Sample No:
 VCP418016

 Oil Type:
 GEAR OIL SAE 80W140

 Job No:
 W07012851 SOUTHERN

VOLVO

VOLVO				
SAMPLI	E INFORMATION			
Sample Number		VCP418016	 	
Sample Date		26 Jul 2023	 	
Machine Hours		2008	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		SEVERE	 	
OIL CON	DITION			
Visc @ 40°C	cSt	293	 	
		—		
VOLVO			 	
	MINATION			
Water	%	0.164	 	
Silicon	ppm	808	 	
Sodium	ppm	<b>1</b> 8	 	
Potassium	ppm	52	 	
WEAR N	METALS			
Iron	ppm	• 1592	 	
Copper	ppm	2	 	
Lead	ppm	0	 	
Tin	ppm		 	
Aluminum	ppm	🔺 185	 	
Chromium	ppm	43	 	
Molybdenum	ppm	5	 	
Nickel	ppm	5	 	
Titanium	ppm	14	 	
Silver	ppm	0	 	
Manganese	ppm	19	 	
	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. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil is no longer serviceable due to the presence of contaminants.

 Depot:
 VOLVO8882

 Unique No:
 10578257

 Signed:
 Don Baldridge

 Report Date:
 01 Aug 2023

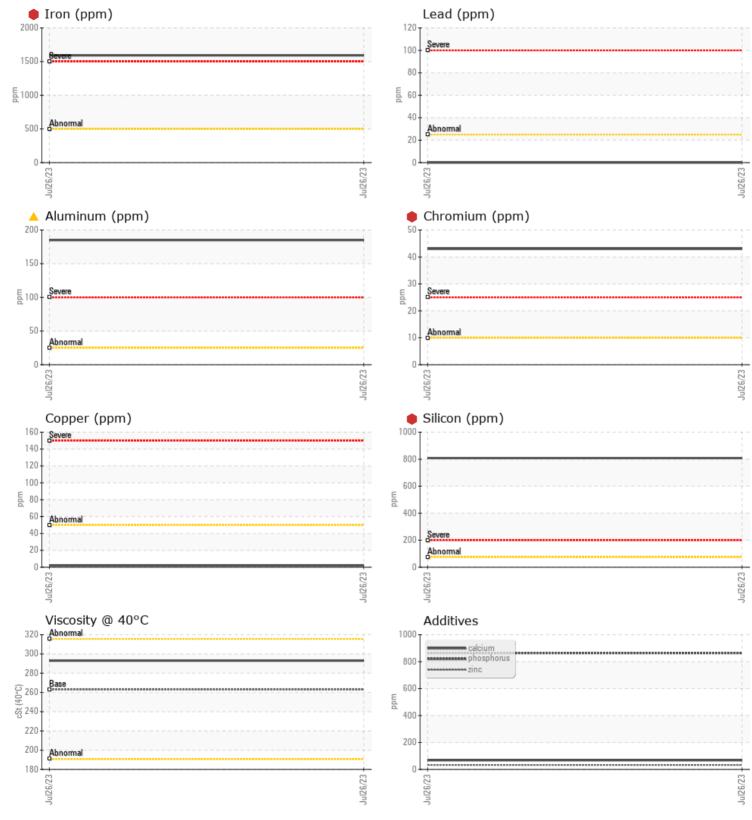
Contact/Location: KYLE RATLIFFE - VOLVO8882

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO8882 [WUSCAR] 05911605 (Generated: 08/01/2023 15:56:34) Rev: 1

Contact/Location: KYLE RATLIFFE - VOLVO8882