CONSTRUCTION EQUIPMENT 579734 CENTRAL SITE VOLVO EC350EL 314163 - REAR RIGHT FIN

 Sample No:
 VCP422687

 Oil Type:
 VOLVO PREMIUM GEAR OIL 85W-140 GL-5

 Job No:
 579734 CENTRAL SITE

SAMPLE INFORMATION

Magnesium

Phosphorus

Zinc

Barium

Boron

ppm

ppm

ppm

ppm

ppm

VOLVO

Sample Number		VCP422687	VCP407831	
Sample Date		15 Jul 2023	30 May 2023	
Machine Hours		2085	1984	
Oil Hours		85	1000	
Oil Changed		Not Changd	Changed	
Sample Status		ABNORMAL	SEVERE	
VOLVO				
V OIL CON			<u>_</u>	
Visc @ 40°C	cSt	236	211	
	MINATION			
			256	
Silicon	ppm	▲ 116	356	
Sodium	ppm	0	0	
Potassium	ppm	2	4	
VOLVO				
WEAR N	METALS			
Iron	ppm	397	1 031	
Copper	ppm	∎1	2	
Lead	ppm	■ <1	0	
Tin	ppm	0	0	
Aluminum	ppm	 10	4 34	
Chromium	ppm	8	<u> </u>	
Molybdenum	ppm	18	5	
Nickel	ppm	 <1	3	
Titanium	ppm	<1	2	
Silver	ppm	0	0	
Manganese	ppm	4	11	
Vanadium	ppm	0	0	
Calcium	ppm	301	318	
			- 24	

34

111

768

0

60



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC 8418 PALM RIVER ROAD

TAMPA, FL US 33619 Contact: JOHN FARDELLA JFARDELLA@ALTAEQUIPFL.COM T: (813)630-0077 F: (813)630-2233

Diagnosis

We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor.All component wear rates are normal. 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:	VOLVO0093		
Unique No:	10566015		
Signed:	Don Baldridge		
Report Date:	25 Jul 2023		

71

182

950

139

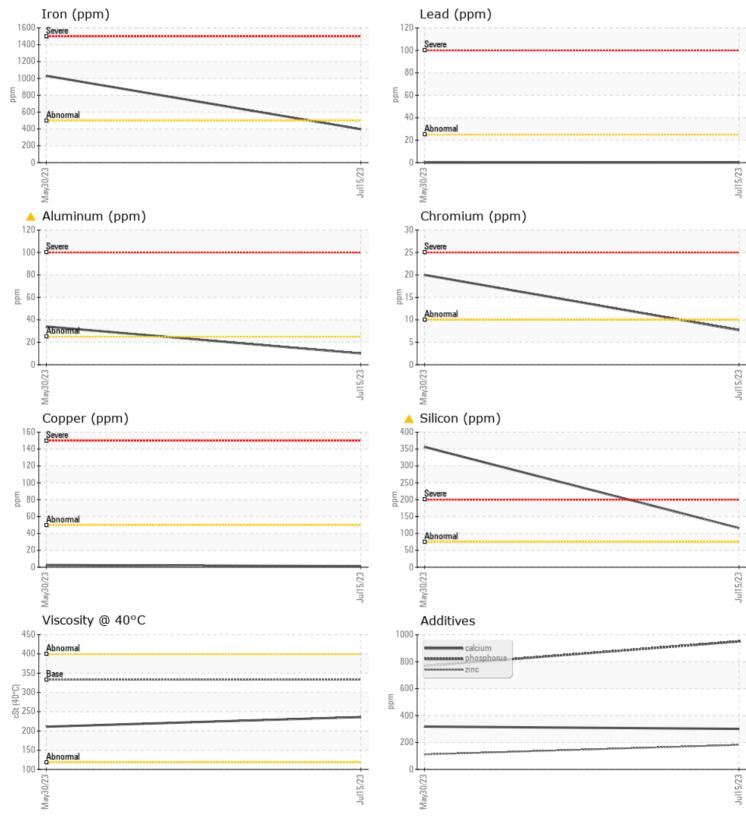
2

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0093 [WUSCAR] 05904659 (Generated: 07/25/2023 10:19:08) Rev: 1

Contact/Location: JOHN FARDELLA - VOLVO0093