## CONSTRUCTION EQUIPMENT SWA364304 VOLVO EC480E 311299 - FRONT LEFT FINAL DRIVE

 Sample No:
 VCP433570

 Oil Type:
 NOT GIVEN

 Job No:
 SWA364304

VOLVO

	INFORMATION			
Sample Number		VCP433570	 	
Sample Date		19 Sep 2023	 	
Machine Hours		5873	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		SEVERE	 	
Sample Status		JEVERE	 	
VOLVO				
VIL CON	DITION			
Visc @ 40°C	cSt	381	 	
VOLVO				
	MINATION			
Silicon	ppm	<b>•</b> 1963	 	
Sodium	ppm	38	 	
Potassium	ppm	<b>122</b>	 	
VOLVO				
WEAR M	IETALS			
Iron	ppm	5308	 	
Copper	ppm	13	 	
Lead	ppm	□ <1	 	
Tin	ppm	0	 	
Aluminum	ppm	<u> </u>	 	
Chromium	ppm	<b>4</b> 0	 	
Molybdenum	ppm	6	 	
Nickel	ppm	8	 	
Titanium	ppm	22	 	
Silver	ppm	0	 	
Manganese	ppm	41	 	
Vanadium	ppm	<1	 	
	1ª 1ª			
VOLVO			 	
	152			
Calcium	ppm	1169	 	
Magnesium	ppm	260	 	
Zinc	ppm	14	 	
Phosphorus	ppm	958	 	
		_		



## ALTA EQUIPMENT

5985 COURT STREET ROAD SYRACUSE, NY US 13206 Contact: JIM STRIGLE JIM.STRIGLE@ALTG.COM T: (315)437-2611 F: (315)434-9471

## Diagnosis

We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. 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:	VOLVO0142		
Unique No:	10661354		
Signed:	Don Baldridge		
Report Date:	26 Sep 2023		

0

179

ppm

ppm

Barium

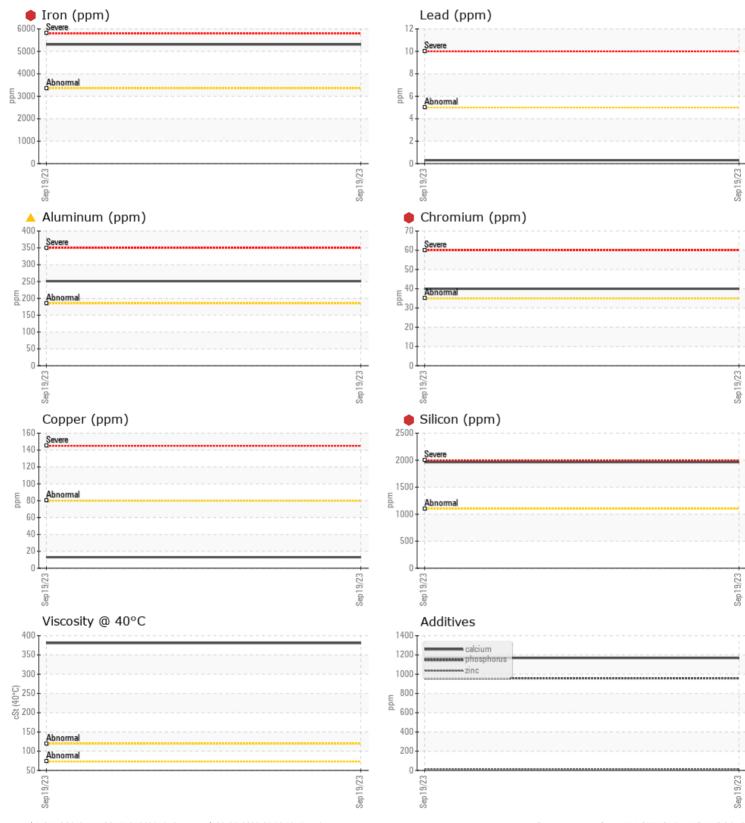
Boron

## **CONSTRUCTION EQUIPMENT**





VOLVO



Report Id: VOLVO0142 [WUSCAR] 05960141 (Generated: 09/28/2023 07:59:53) Rev: 1

Contact/Location: JIM STRIGLE - VOLVO0142