CONSTRUCTION EQUIPMENT

63050 3D EX VOLVO 220DL 210112 - BOGIE/CENTER RIGHT FINAL D

Sample No:	VCP418044			
Oil Type:	NOT GIVEN			
Job No:	63050 3D EX			

	E INFORMATIO	N		
Sample Number	_	VCP418044	 	
Sample Date		14 Jun 2023	 	
Machine Hours		5900	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		SEVERE	 	
Sample Status		JLVLKL		
VOLVO				
V OIL CON	DITION			
Visc @ 40°C	cSt	362	 	
	MINATION		 	
Water	%	▲ 0.960	 	
Silicon	ppm	4562	 	
Sodium	ppm	24	 	
Potassium	ppm	<b>171</b>	 	
VOLVO				
🤍 WEAR N	<b>METALS</b>			
Iron	ppm	• 8554	 	
Copper	ppm	<b>15</b>	 	
Lead	ppm	3	 	
Tin	ppm	3	 	
Aluminum	ppm	<b>708</b>	 	
Chromium	ppm	• 78	 	
Molybdenum	ppm	11	 	
Nickel	ppm	9	 	
Titanium	ppm	72	 	
Silver	ppm	0	 	
Manganese	ppm	48	 	
Vanadium	ppm	3	 	
	/65			
	-	425		
Calcium	ppm	135	 	
Magnesium	ppm	84	 	
Zinc	ppm	55	 	
Phosphorus	ppm	970	 	
Barium	ppm	2	 	

## **COWIN EQUIPMENT COMPANY INC - GUNTERSVILLE**

15101 ALABAMA HWY 20 MADISON, AL JS 35756 Contact: RANDY HARRIS RHARRIS@COWIN.COM T: (256)298-2322 F: (256)355-5250

## Diagnosis

We advise that you check all areas where dirt can enter the system. We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. 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. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot:COWMADUnique No:10532838Signed:Jonathan HesterReport Date:30 Jun 2023

ppm

Boron

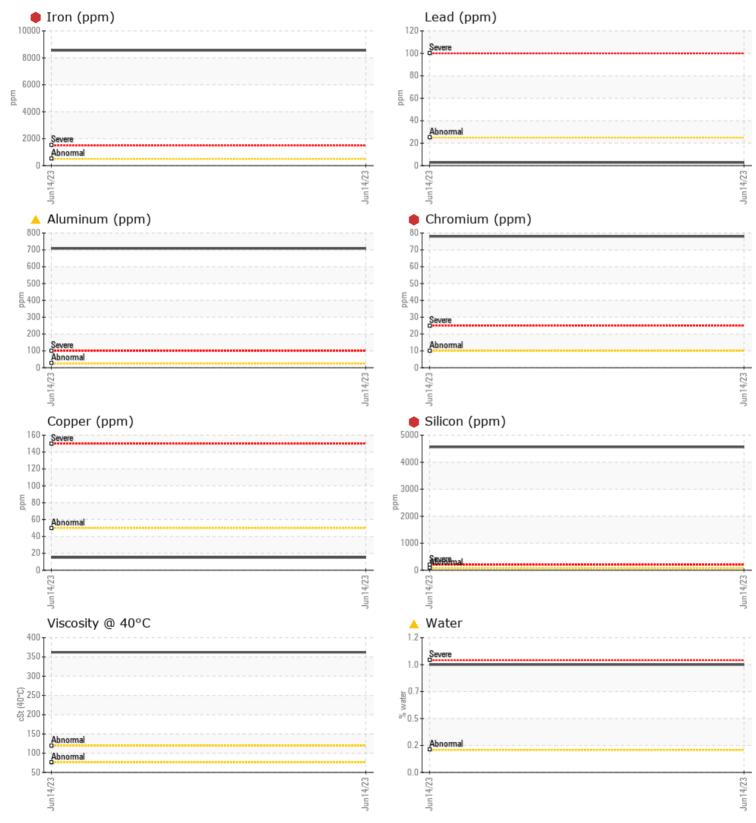
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## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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