

CONSTRUCTION EQUIPMENT VOLVO EC480EL 310945 - REAR RIGHT FINAL DRIVE



Sample No:VCP421639Oil Type:NOT GIVEN

Job No:

Barium

Boron

	E INFORMATION	1		
Sample Number	-	VCP421639	 	
Sample Date		08 Aug 2023	 	
Machine Hours		6796	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		SEVERE	 	
OIL CON	IDITION			
Visc @ 40°C	cSt	706	 	
VOLVO				
CONTAI	MINATION			
Water	%	0.559	 	
Silicon	ppm	4681	 	
Sodium	ppm	14	 	
Potassium	ppm	89	 	
WEAR I	METALS			
Iron	ppm	• 10688	 	
Copper	ppm	21	 	
Lead	ppm	1	 	
Tin	ppm	0	 	
Aluminum	ppm	A 396	 	
Chromium	ppm	单 101	 	
Molybdenum	ppm	14	 	
Nickel	ppm	单 16	 	
Titanium	ppm	63	 	
Silver	ppm	0	 	
Manganese	ppm	81	 	
Vanadium	ppm	2	 	
	VES		 	
Calcium	ppm	399	 	
Magnesium	ppm	59	 	
Zinc	ppm	131	 	
Phosphorus	ppm	2013	 	



UNITED RENTALS

5357 NC-11 N WINTERVILLE, NC US 28590 Contact: SKYLAR HERRING sherring1@ur.com T: (252)414-2088 F:

Diagnosis

We advise that you check for the source of water entry. 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. Please specify the brand, type, and viscosity of the oil on your next sample.Gear wear is indicated. There is a moderate concentration of water present in the oil. Elemental levels of silicon (Si) and aluminum (Al) indicate aluminasilicate (coarse dirt) ingress. The oil is no longer serviceable due to the presence of contaminants.

Depot:	UNIWINVC		
Unique No:	10617013		
Signed:	Don Baldridge		
Report Date:	24 Aug 2023		

0 61

ppm

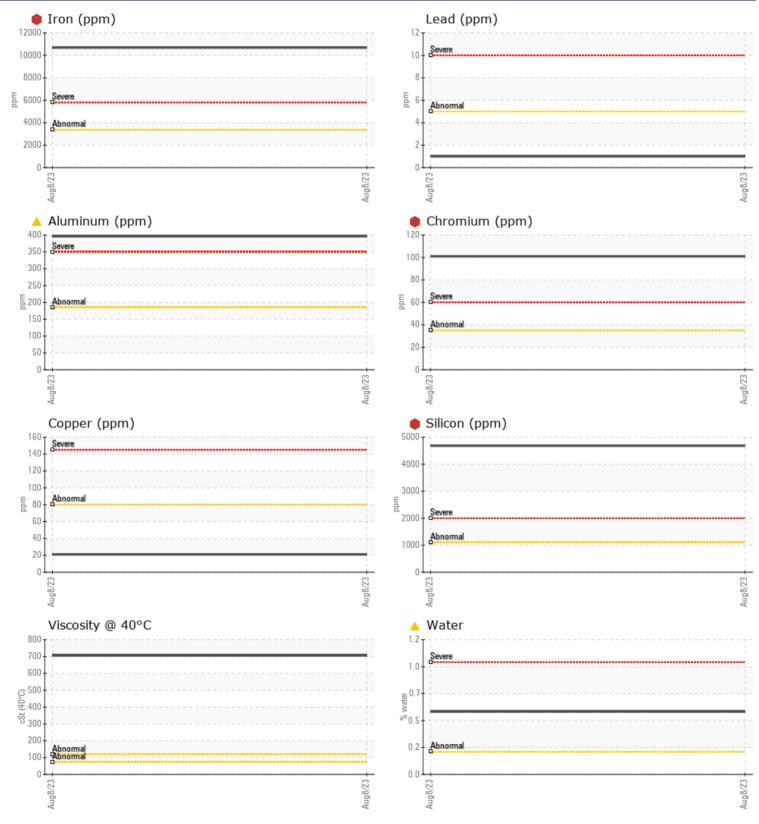
ppm

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: SKYLAR HERRING - UNIWINVC