**CONSTRUCTION EQUIPMENT** VOLVO EC350 310659 - FRONT LEFT FINAL DRIVE X47332



VOLVO

JOD NO: X4/332		
SAMPLE INFORMATIO	N	
Sample Number	VCP417999	 
Sample Date	23 Jul 2023	 
Machine Hours	6125	 
Oil Hours	0	 
Oil Changed	N/A	 
Sample Status	SEVERE	 

CONT	AMINATION			
Water	%	• 1.26	 	
Silicon	ppm	🛑 4880	 	
Sodium	ppm	<b>1</b> 6	 	
Potassium	ppm	57	 	

WEAR I	METALS			
Iron	ppm	🛑 8867	 	
Copper	ppm	<b>15</b>	 	
Lead	ppm	0	 	
Tin	ppm	2	 	
Aluminum	ppm	<u> </u>	 	
Chromium	ppm	🛑 107	 	
Molybdenum	ppm	<b>16</b>	 	
Nickel	ppm	8	 	
Titanium	ppm	🔺 51	 	
Silver	ppm	0	 	
Manganese	ppm	68	 	
Vanadium	ppm	1	 	

ADDITI	VES			
Calcium	ppm	10	 	
Magnesium	ppm	<b>16</b>	 	
Zinc	ppm	5	 	
Phosphorus	ppm	<b>142</b>	 	
Barium	ppm	0	 	
Boron	ppm	3	 	



SCOTT EQUIPMENT COMPANY LLC - Lake Charles

PO BOX 16955 LAKE CHARLES, LA US 70616 Contact: BREANNA DUNN bdunn@scottcompanies.com T: F: (318)433-6623

## 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 advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Please note that the oil was too thick to perform some of the normal laboratory tests.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.

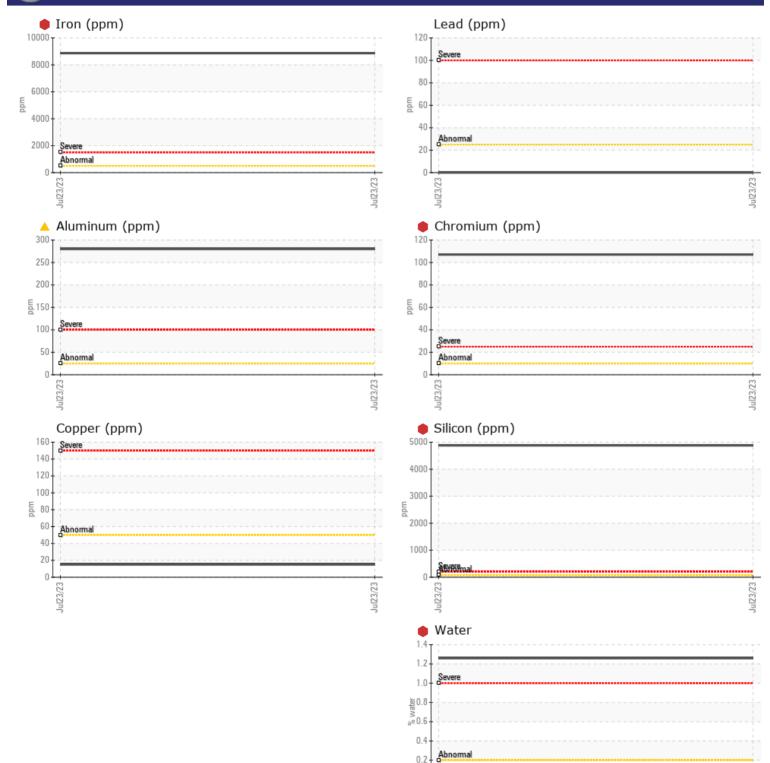
Depot: VOLVO6244 Unique No: 10577005 Signed: Jonathan Hester Report Date: 01 Aug 2023

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



0.0

Jul23/23

Contact/Location: BREANNA DUNN - VOLVO6244

Jul23/23