CONSTRUCTION EQUIPMENT X47332 VOLVO EC350 310659 - FRONT RIGHT FINAL DRIVE

 Sample No:
 VCP417995

 Oil Type:
 VOLVO PREMIUM GEAR OIL 80W-90 GL-5

 Job No:
 X47332

TOTATO

	E INFORMATION			
			<u>_</u>	
Sample Number		VCP417995		
Sample Date		23 Jul 2023		
Machine Hours		6125		
Oil Hours		0		
Oil Changed		N/A		
Sample Status		SEVERE		
	MINATION			
			<u> </u>	
Water	%	1.04		
Silicon	ppm	• 3630		
Sodium	ppm	9		
Potassium	ppm	36		
VOLVO				
WEAR N	METALS			
Iron	ppm	8350		
Copper	ppm	1 5		
Lead	ppm	0		
Tin	ppm	2		
Aluminum	ppm	A 236		
Chromium	ppm	95		
Molybdenum	ppm	14		
Nickel	ppm	7		
Titanium	ppm	36		
Silver	ppm	0		
Manganese	ppm	59		
Vanadium	ppm	<1		
	1-1			
VOLVO				
ADDITIN	VEZ			
Calcium	ppm	1		
Magnosium	nnm	• •		

Calcium	ppm	1	 	
Magnesium	ppm	8	 	
Zinc	ppm	5	 	
Phosphorus	ppm	114	 	
Barium	ppm	0	 	
Boron	ppm	0	 	



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:VOLVO6244Unique No:10577006Signed:Jonathan HesterReport Date:01 Aug 2023

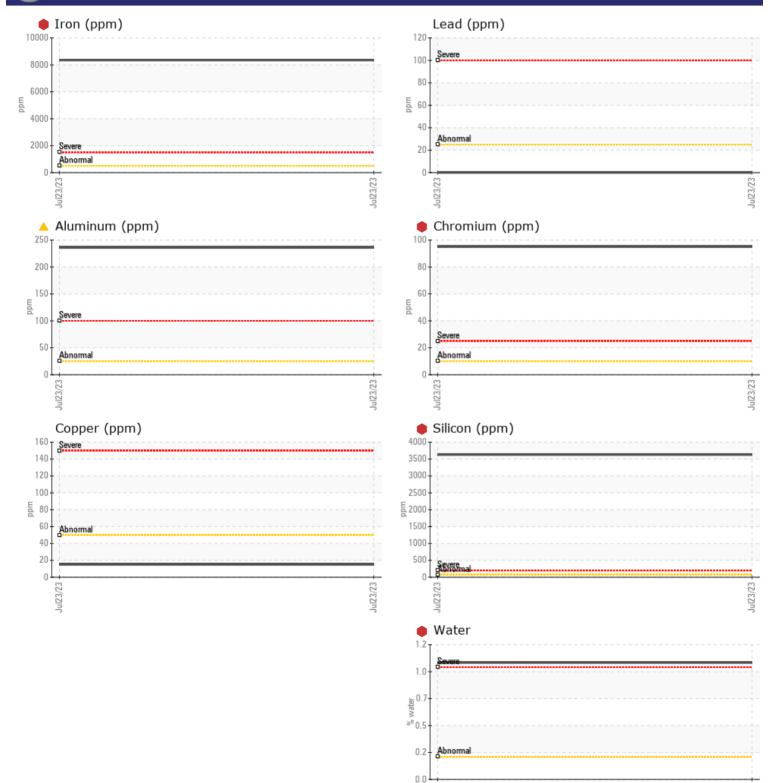
Contact/Location: BREANNA DUNN - VOLVO6244

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Jul23/23

Contact/Location: BREANNA DUNN - VOLVO6244

Jul23/23