CONSTRUCTION EQUIPMENT X58866 VOLVO EC250DL 210174 - REAR LEFT FINAL DRIVE

 Sample No:
 VCP426005

 Oil Type:
 NOT GIVEN

 Job No:
 X58866

VOLVO

VOLVO				
SAMPLE	INFORMATION			
Sample Number	-	VCP426005	 	
Sample Date		10 Nov 2023	 	
Machine Hours		10110	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		SEVERE	 	
OIL CON	DITION			
Visc @ 40°C	cSt	371	 	
CONTAM	INATION			
Water	%	<b>0.312</b>	 	
Silicon	ppm	• 479	 	
Sodium	ppm	<b>15</b>	 	
Potassium	ppm	21	 	
WEAR M	IETALS			
Iron	ppm	<b>4033</b>	 	
Copper	ppm	<b>1</b> 4	 	
Lead	ppm	8	 	
Tin	ppm	<b>1</b>	 	
Aluminum	ppm	<b>4</b> 99	 	
Chromium	ppm	932	 	
Molybdenum	ppm	3	 	
Nickel	ppm	5	 	
Titanium	ppm	8	 	
Silver	ppm	0	 	
Manganese	ppm	27	 	
Vanadium	ppm	<1	 	
	ES		 	
Calcium	ppm	220	 	

Calcium	ppm	220	 	
Magnesium	ppm	24	 	
Zinc	ppm	38	 	
Phosphorus	ppm	1020	 	
Barium	ppm	8	 	
Boron	ppm	192	 	



SCOTT EQUIPMENT COMPANY LLC - Saint Rose PO BOX 997 SAINT ROSE, LA US 70087 Contact: DENISE CORVERS dcorvers@scottcompanies.com T: (504)461-0961 F: (504)461-0970

## Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. 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. There is a light concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot:	SCOSAI
Unique No:	10749063
Signed:	Doug Bogart
Report Date:	19 Nov 2023

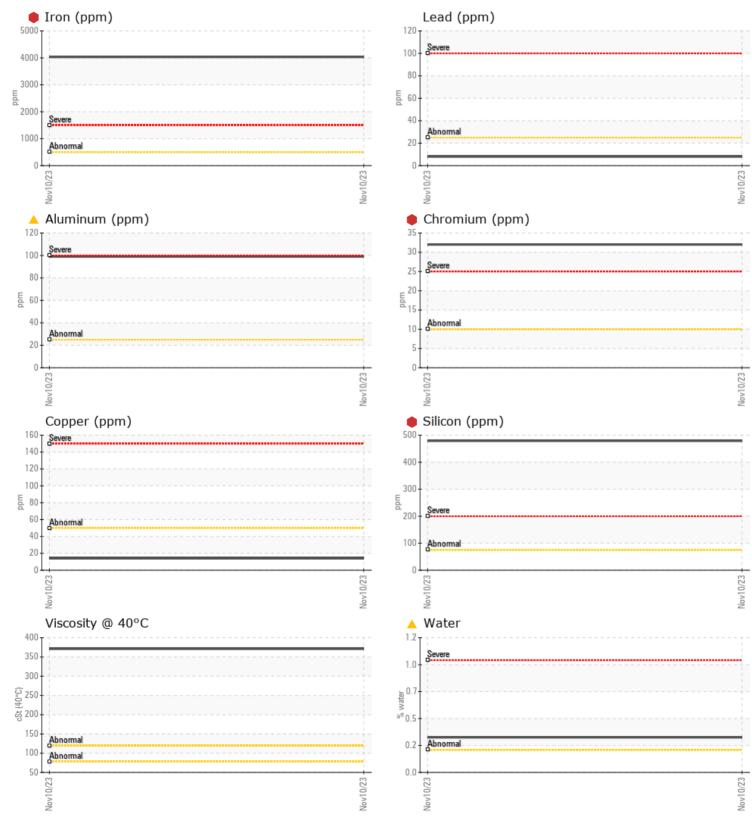
Contact/Location: DENISE CORVERS - SCOSAI

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: SCOSAI [WUSCAR] 06009919 (Generated: 11/19/2023 22:21:13) Rev: 1

Contact/Location: DENISE CORVERS - SCOSAI