CONSTRUCTION EQUIPMENT VOLVO EC750E 314074 - FRONT LEFT FINAL DRIVE SW35271

Sample No: VCP436948 **Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5 Job No: SW35271

VOLVO

SAMPLE INFORMATION

Titanium

Manganese

Vanadium

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

Silver

Sample Number		VCP436948	 		
Sample Date		23 May 2024	 		
Machine Hours		3565	 		
Oil Hours		3565	 		
Oil Changed		Changed	 		
Sample Status		SEVERE	 		
OIL CON	IDITION				
Visc @ 40°C	cSt	371	 		
VOLVO	MINATION				
		<u>.</u>	 	<u>.</u>	
Water	%	NEG	 		
Silicon	ppm	A 1129	 		
Sodium	ppm	21	 		
Potassium	ppm	61	 		
WEAR N	METALS				
Iron	ppm	2844	 		
Copper	ppm	6	 		
Lead	ppm	0	 		
Tin	ppm		 		
Aluminum	ppm	193	 		
Chromium	ppm	1 4	 		
Molybdenum	ppm	1	 		
Nickel	ppm	2	 		

RNOLD MACHINERY COMPANY

323 EAST WINSLOW AVENUE HOENIX, AZ S 85040 ontact: RANDY PRZEKURAT andyp@arnoldmachinery.com (602)414-1904

iagnosis

Ne advise that you check all areas where dirt can enter the system. The il change at the time of sampling has been noted. We advise that you nspect for the source(s) of wear. We ecommend an early resample to monitor this condition.High concentration of visible metal present. Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate aluminailicate (coarse dirt) ingress. The oil is no longer serviceable due to the resence of contaminants.

Depot:	VOLVO6174				
Unique No:	11059185				
Signed:	Don Baldridge				
Report Date:	04 Jun 2024				
Contact/Location: RANDY PRZEKURAT - VOLVO6174					

13

0

22

<1

218

55

13

947

169

2

ppm

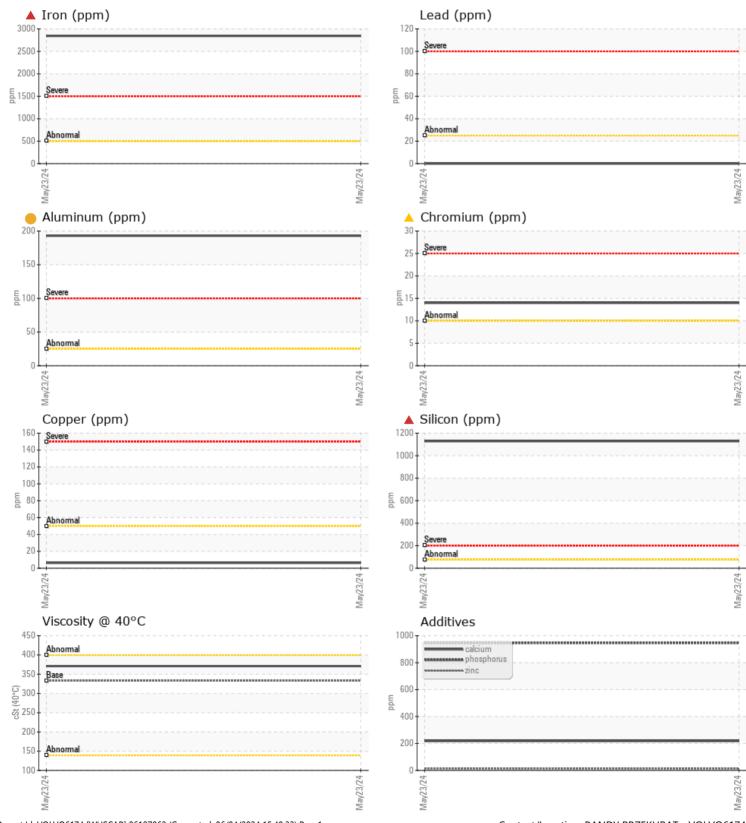
ADDITIVES

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO6174 [WUSCAR] 06197062 (Generated: 06/04/2024 15:40:33) Rev: 1

Contact/Location: RANDY PRZEKURAT - VOLVO6174