CONSTRUCTION EQUIPMENT RENT VOLVO EC750EL 314074 - FRONT RIGHT FINAL DRIVE

 Sample No:
 VCP360568

 Oil Type:
 MOBIL MOBILUBE HD 85W140

 Job No:
 RENT

## SAMPLE INFORMATION

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

ppm

ppm

ppm

ppm

ppm

ppm

VOLVO

Sample Number	-	VCP360568	VCP283251	 
Sample Date		19 Jan 2023	01 Jul 2022	 
Machine Hours		2963	1976	 
Oil Hours		2963	500	 
Oil Changed		Changed	Changed	 
Sample Status		SEVERE	SEVERE	 
OIL CON				
	-			 
Visc @ 40°C	cSt	348	253	 
VOLVO				
	AINATION			
Water	%	NEG	NEG	 
Silicon	ppm	<b>662</b>	▲ 607	 
Sodium	ppm	13	14	 
Potassium	ppm	<b>47</b>	31	 
WEAR N	AETAL S			
Iron	ppm	<b>A</b> 1106	<b>▲</b> 1182	 
Copper	ppm	3	3	 
Lead	ppm	0	0	 
Tin	ppm		0	 
Aluminum	ppm	<u> </u>	116	 
Chromium	ppm	8	<u> </u>	 
Molybdenum	ppm	<b>  </b> <1	<1	 
Nickel	ppm		1	 
Titanium	ppm	6	8	 
Silver	ppm	0	0	 
Manganese	ppm	<b>1</b> 6	13	 
Vanadium	ppm	<1	<1	 
VOLVO				 
ADDITI\	/65			

148

27

5

6

0

190



## ARNOLD MACHINERY COMPANY

3330 NORTH YELLOWSTONE HIGHWAY IDAHO FALLS, ID US 83401 Contact: DAVE BOSTON dboston@arnoldmachinery.com T: F: (208)523-9918

## 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 recommend an early resample to monitor this condition.Gear wear is indicated. 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:	VOLVO0077				
Unique No:	10312122				
Signed:	Jonathan Hester				
Report Date:	31 Jan 2023				
Contact/Location: DAVE BOSTON - VOLVO007					

119

32

9

**4** 

689

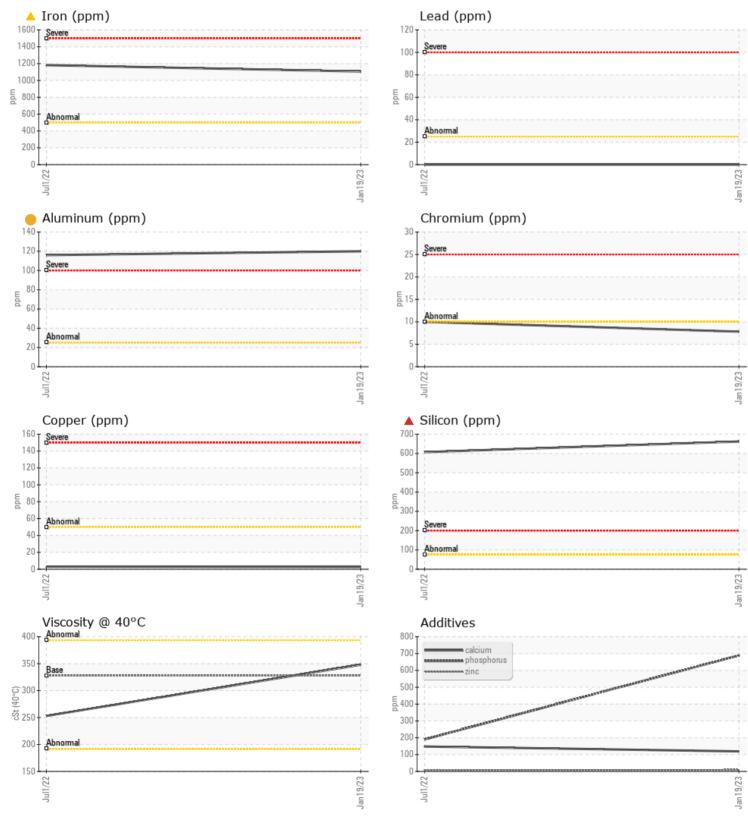
101

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0077 [WUSCAR] 05752518 (Generated: 06/04/2024 15:54:06) Rev: 1

Contact/Location: DAVE BOSTON - VOLVO0077