CONSTRUCTION EQUIPMENT SWA289046 DEV CEN FL VOLVO L70H 622155 - REAR AXLE

 Sample No:
 VCP427170

 Oil Type:
 VOLVO WB 102

 Job No:
 SWA289046 DEV CEN FL

Chromium

Nickel

Silver

Titanium

Manganese

Vanadium

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

Molybdenum

ppm

ADDITIVES

23

10

2

0

19

<1

3922

1616

1311

0

119

15

4

VOLVO

VOLVO				
	NFORMATION			
Sample Number	-	VCP427170	VCP327916	
Sample Date		20 Jun 2023	18 Oct 2021	
Machine Hours		6109	4974	
Oil Hours		0	0	
Oil Changed		Changed	Not Changd	
Sample Status		SEVERE	SEVERE	
OIL COND	ITION			
Visc @ 40°C	cSt	40.1	40.6	
CONTAMI	NATION			
Silicon	ppm	244	216	
Sodium	ppm	5	5	
Potassium	ppm	2	5	
WEAR ME	TALS		_	
Iron	ppm	🛑 1569	1343	
Copper	ppm	<u> </u>	1 99	
Lead	ppm	■ <1	 <1	
Tin	ppm	<u> </u>	15	
Aluminum	ppm	<mark>▲</mark> 32	<mark>▲</mark> 30	

19

0

9

2

0

16

<1

4395

1658

1302

0

112

10



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC 8418 PALM RIVER ROAD TAMPA, FL US 33619 Contact: KENNY HANEY khaney@flaglerce.com T: (813)630-0077 F: (813)630-2233

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. Bearing and/or bushing wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil is no longer serviceable due to the presence of contaminants.

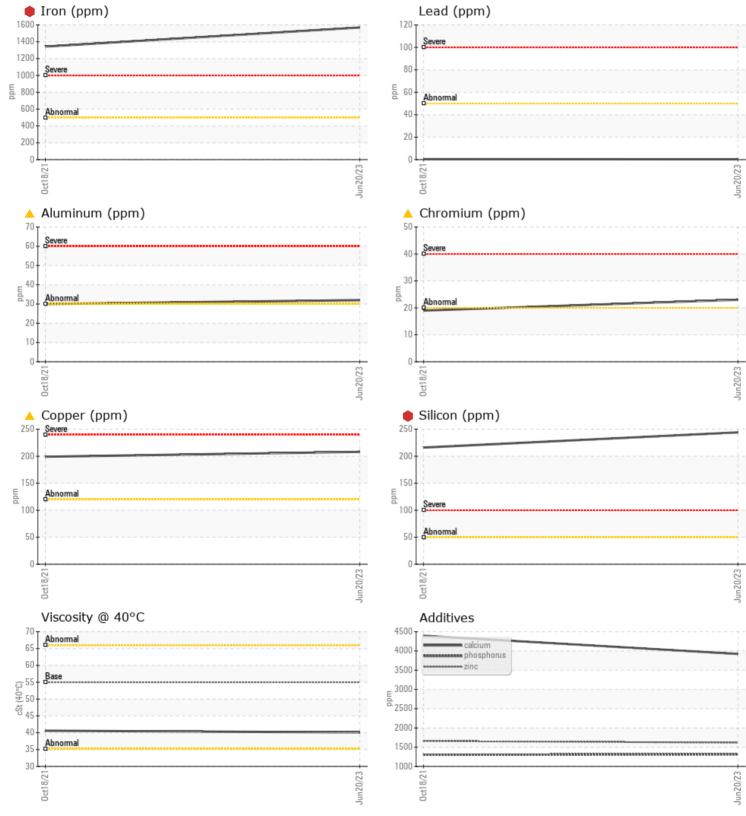
Depot:	VOLVO0093
Unique No:	10536428
Signed:	Don Baldridge
Report Date:	02 Jul 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0093 [WUSCAR] 05885945 (Generated: 07/02/2023 12:08:26) Rev: 1

Contact/Location: KENNY HANEY - VOLVO0093