CONSTRUCTION EQUIPMENT SPM567736 KOMATSU D61PXI 30567 - LEFT FINAL DRIVE

Sample No:	VCP421913
Oil Type:	TDTO FLUID SAE 30
Job No:	SPM567736

VOLVO

	INFORMATION	N		
Sample Number		VCP421913	VCP317711	 
Sample Date		10 Jul 2023	30 Jun 2021	 
Machine Hours		4457	3927	 
Oil Hours		0	0	 
Oil Changed		Not Changd	Changed	 
Sample Status		ABNORMAL	SEVERE	 
OIL CON				
		102		 
Visc @ 40°C	cSt	183	88.3	 
VOLVO				
CONTAM	AINATION			
Silicon	ppm	<u> </u>	9 316	 
Sodium	ppm	<b>1</b>	9	 
Potassium	ppm	2	25	 
WEAR N	AFTALS			
Iron	ppm	227	<u>▲</u> 855	 
Copper	ppm	<b>4</b>	11	 
Lead	ppm	0	□ <1	 
Tin	ppm	0	□ <1	 
Aluminum	ppm	▲ 10	<b>▲</b> 60	 
Chromium	ppm	5	▲ 15	 
Molybdenum	ppm	5	9	 
Nickel	ppm	<1	2	 
Titanium	ppm	2	18	 
Silver	ppm	0	0	 
Manganese	ppm	2	10	 
Vanadium	ppm	<1	2	 
	/FS			
		- 2261	- 25.97	_
Calcium	ppm	2361	2587	 
Magnesium	ppm	35	113	 
Zinc	ppm	<b>1035</b>	1089	 

936

0

45

## JOHN KENO & CO

750 RICARD LN ELK GROVE VILLAGE, IL US 60007 Contact: LUKAS DECKER Idecker@johnkeno.com T: (847)340-2432 F:

## Diagnosis

We advise that you check all areas where dirt can enter the system. No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate aluminasilicate (coarse dirt) ingress. Confirm oil type. The condition of the oil is acceptable for the time in service.

Depot:	JOHELK
Unique No:	10574662
Signed:	Sean Felton
Report Date:	28 Jul 2023

852

0

16

Phosphorus

Barium

Boron

ppm

ppm

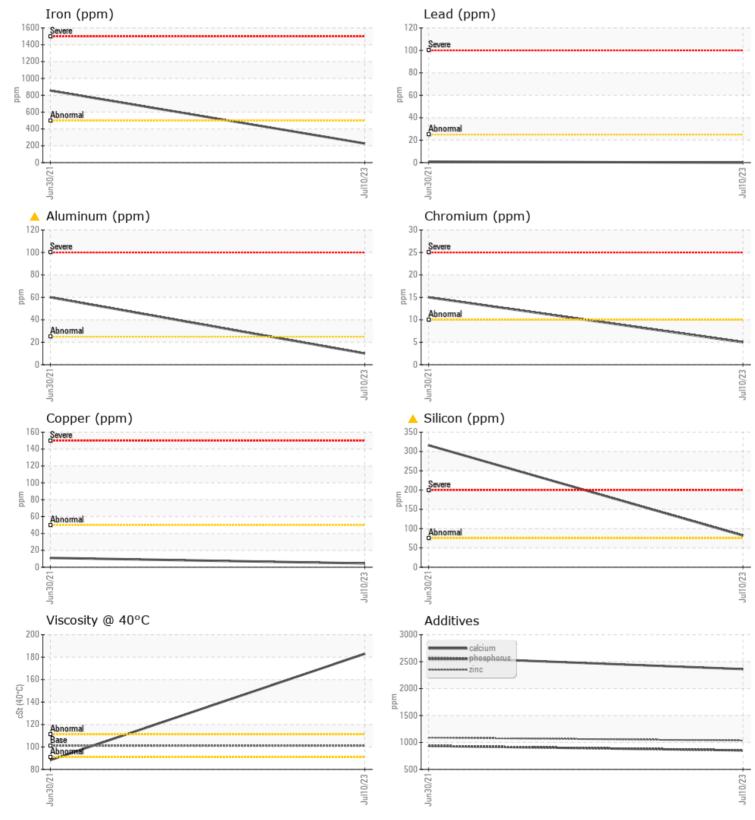
ppm

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: JOHELK [WUSCAR] 05908010 (Generated: 07/28/2023 14:55:11) Rev: 1

Contact/Location: LUKAS DECKER - JOHELK