CONSTRUCTION EQUIPMENT SPM595559 KOMATSU D39 3729 - LEFT FINAL DRIVE



Sample No:	VCP413964				
Oil Type:	TDTO FLUID SAE 30				
Job No:	SPM595559				

VOLVO

SAMPL	E INFORMATION			
Sample Number	<u>-</u>	VCP413964	 	
Sample Date		28 Aug 2023	 	 JOHN KENO & CO
Machine Hours		1034	 	 750 RICARD LN
Oil Hours		0	 	 ELK GROVE VILLAGE, IL
Oil Changed		Changed	 	 US 60007
Sample Status		ABNORMAL	 	 Contact: LUKAS DECKER
				ldecker@johnkeno.com
VOLVO				T: (847)340-2432
VIL CON				 F:
Visc @ 40°C	cSt	96.2	 	
VOLVO				Diagnosis
CONTA	MINATION			-
Silicon	ppm	36	 	 The oil change at the time of sampling has been noted. No
Sodium	ppm	5	 	 corrective action is recommended
Potassium	ppm	6	 	 this time. Resample at the next
Potassium	ρρπ			service interval to monitor. The
VOLVO				copper level is abnormal. All other
WEAR I	METALS			metal levels are typical for a new
Iron	ppm	434	 	 component breaking in. There is no
Copper	ppm	<b>A</b> 141	 	 indication of any contamination in the oil. The condition of the oil is
Lead	ppm	0	 	 acceptable for the time in service.
Tin	ppm	<b>□</b> <1	 	
Aluminum	ppm	5	 	
Chromium	ppm	5	 	
Molybdenum	ppm	20	 	
Nickel	ppm	<b>□</b> <1	 	
Titanium	ppm	■31	 	
Silver	ppm	0	 	
Manganese	ppm	8	 	
Vanadium	ppm	<1	 	
	VFS		 	
	-			
Calcium	ppm	3522	 	
Magnesium	ppm	22	 	
Zinc	ppm	755	 	
Phosphorus	ppm	626	 	
Barium	ppm	50	 	
Boron	ppm	<b>4</b>	 	

Contact/Location: LUKAS DECKER - JOHELK

JOHELK

10634534

Don Baldridge

08 Sep 2023

Depot:

Signed:

Unique No:

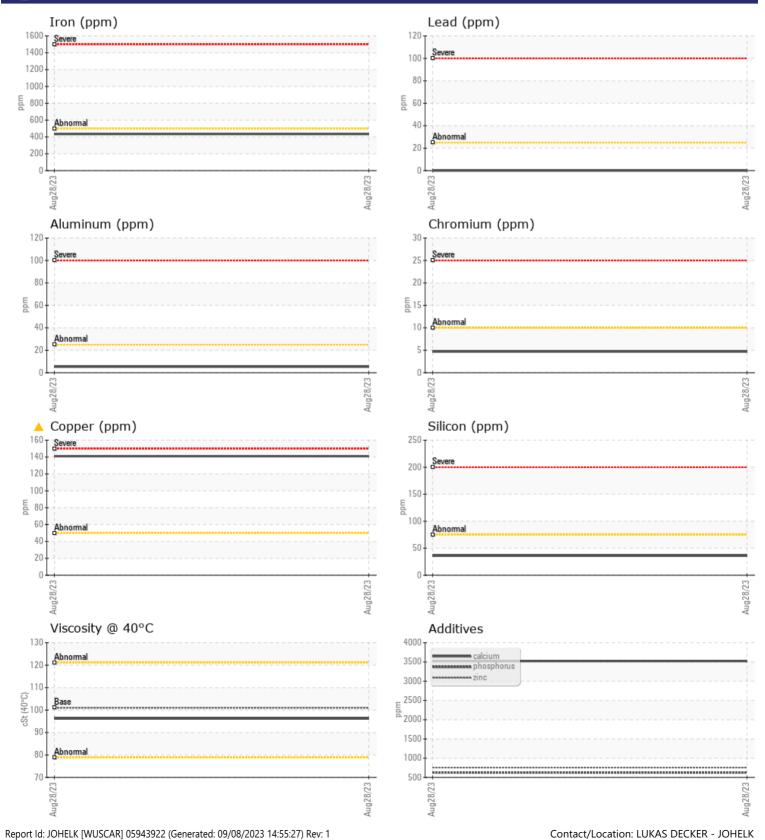
Report Date:

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



-