CONSTRUCTION EQUIPMENT 24566 VOLVO L90H 625946 - FRONT AXLE



 Sample No:
 VCP435161

 Oil Type:
 VOLVO WB 102

 Job No:
 24566

VOLVO

## SAMPLE INFORMATION

	INFORMATION			
Sample Number		VCP435161	VCP400703	 
Sample Date		14 Dec 2023	14 Feb 2023	 
Machine Hours		1980	948	 
Oil Hours		1000	100	 
Oil Changed		Changed	Changed	 
Sample Status		MARGINAL	ABNORMAL	 
OIL CON	DITION			
Visc @ 40°C	cSt	<b>41.8</b>	40.0	 
VOLVO				
CONTAN	MINATION			
Water	%	<b>0.245</b>	NEG	 
Silicon	ppm	<b>1</b> 4	14	 
Sodium	ppm	6	13	 
Potassium	ppm	0	0	 
WEAR N	METALS			
Iron	ppm	51	59	 
Copper	ppm		2	 
Lead	ppm	0	1	 
Tin	ppm	0	<b></b> <1	 
Aluminum	ppm	■<1	0	 
Chromium	ppm	2	3	 
Molybdenum	ppm	8	13	 
Nickel	ppm	0	1	 
Titanium	ppm	0	<1	 
Silver	ppm	0	<1	 
Manganese	ppm	8	12	 
Vanadium	ppm	0	0	 

218 - ASCENDUM MACHINERY INC - N. CHARLESTON

7235 CROSS COUNTRY RD.
NORTH CHARLESTON, SC
US 29418
Contact: MATT MITCHAM matt.mitcham@ascendummachinery.com
T: F: (843)414-1129

## Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

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ADDITIVES						
Calcium	ppm	3805	4004			
Magnesium	ppm	24	15			
Zinc	ppm	1585	1558			
Phosphorus	ppm	1292	1294			
Barium	ppm	0	0			
Boron	ppm	135	154			

 Depot:
 VOLVO3387

 Unique No:
 10793449

 Signed:
 Don Baldridge

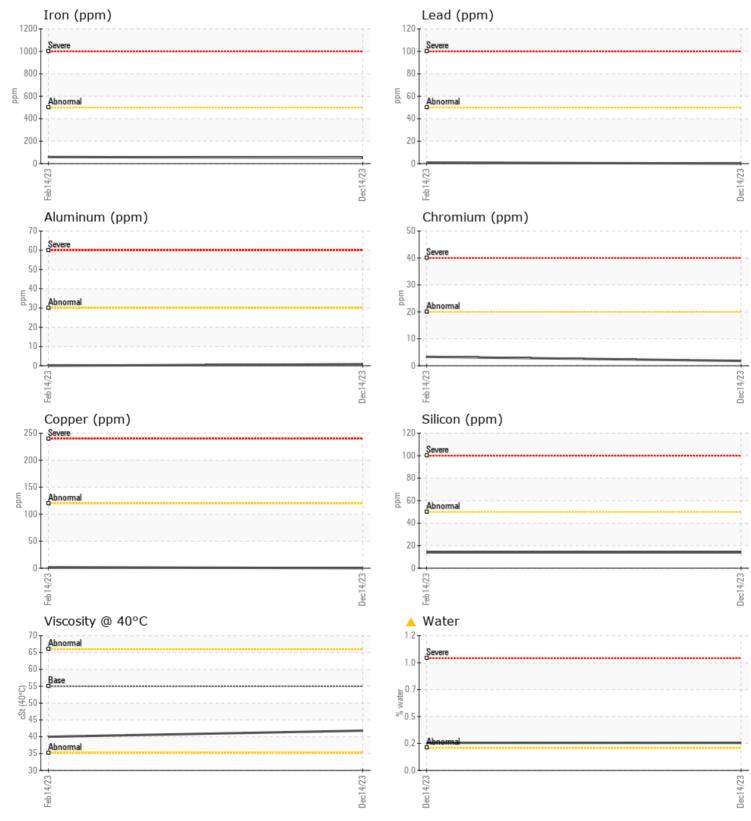
 Report Date:
 20 Dec 2023

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO3387 [WUSCAR] 06038220 (Generated: 12/20/2023 23:52:47) Rev: 1

Contact/Location: MATT MITCHAM - VOLVO3387