

CONSTRUCTION EQUIPMENT VOLVO L110H 632556 - REAR AXLE



 Sample No:
 VCP446195

 Oil Type:
 VOLVO WB 102

Job No:

SAMPLI	E INFORMATION			
Sample Number		VCP446195	VCP412837	
Sample Date		07 Mar 2024	05 Oct 2023	
Machine Hours		2290	1195	
Oil Hours		1000	1195	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	NORMAL	
VOLVO				
V OIL CON		<u>.</u>		 <u>.</u> .
Visc @ 40°C	cSt	43.9	40.9	
VOLVO				
CONTAI	MINATION			
Water	%	NEG	NEG	
Silicon	ppm	■10	30	
Sodium	ppm	0	8	
Potassium	ppm	2	2	
VOLVO				
WEAR N	METALS			
Iron	ppm	47	201	
Copper	ppm	□ <1	 <1	
Lead	ppm	 <1	 < 1	
Tin	ppm		0	
Aluminum	ppm	2	0	
Chromium	ppm	2	5	
Molybdenum	ppm	7	13	
Nickel	ppm		1	
Titanium	ppm	<1	<1	
Silver	ppm	0	0	
Manganese	ppm	3	12	
Vanadium	ppm	<1	0	
	VFS			
Calcium		2797	3882	
Calcium	ppm	2191	300Z	

	-			-	
Calcium	ppm	2797	3882		
Magnesium	ppm	57	10		
Zinc	ppm	1160	1620		
Phosphorus	ppm	892	1297		
Barium	ppm	0	1		
Boron	ppm	88	118		



HMR ASSOCIATES

PO BOX 485 TOUGHKENAMON, PA US 19374 Contact: SERVICE MANAGER

T: F: (610)268-2225

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

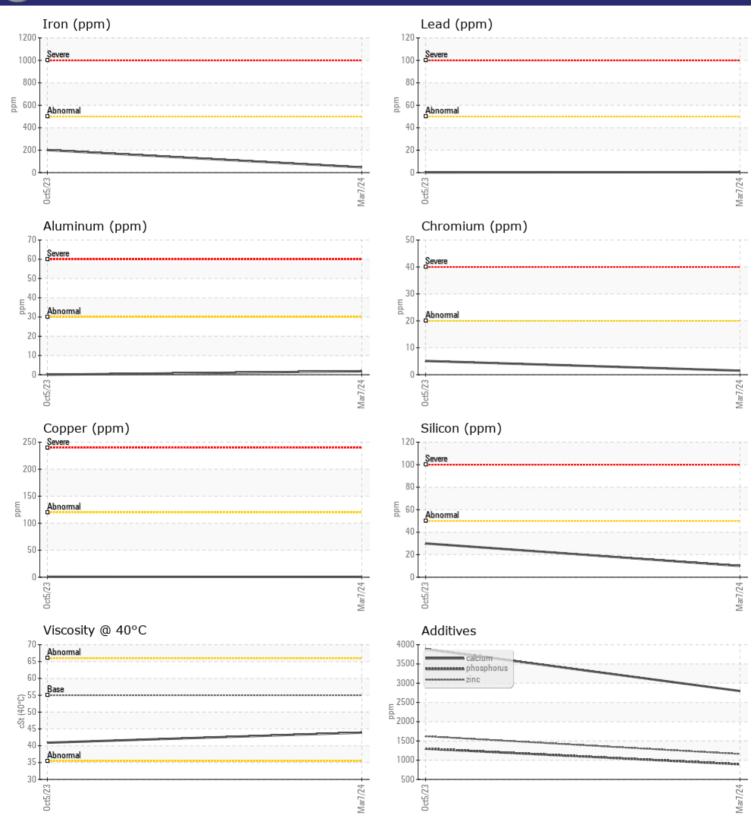
Depot:	HMRTOU
Unique No:	10938172
Signed:	Don Baldridge
Report Date:	22 Mar 2024

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: SERVICE MANAGER - HMRTOU