CONSTRUCTION EQUIPMENT S50601944 GREEN WAST VOLVO L45H 4222054 - REAR AXLE

 Sample No:
 VCP446692

 Oil Type:
 VOLVO WB 102

 Job No:
 S50601944 GREEN WAST

Zinc

Barium

Boron

Phosphorus

VOLVO

Sample Number		VCP446692		 	
Sample Date		14 Mar 2024		 	
Machine Hours		5440		 	
Oil Hours		0		 	
Oil Changed		Not Changd		 	
Sample Status		SEVERE		 	
Sample Status		JEVERE			
VOLVO					
V OIL CON	DITION				
Visc @ 40°C	cSt	52.7		 	
	INATION				
		· · · · ·	<u>_</u>		
Water	%	0.084		 	
Silicon	ppm	▲ 505		 	
Sodium	ppm	1 2		 	
Potassium	ppm	10		 	
VOLVO					
WEAR M	IETALS				
Iron	ppm	1628		 	
Copper	ppm	96		 	
Lead	ppm	<1		 	
Tin	ppm	4		 	
Aluminum	ppm	52		 	
Chromium	ppm	6		 	
Molybdenum	ppm	2		 	
Nickel	ppm	<u> </u>		 	
Titanium	ppm	4		 	
Silver	ppm	0		 	
Manganese	ppm	15		 	
Vanadium	ppm	<1		 	
	PP				
VOLVO				 	
Calcium	ppm	3555		 	
Magnesium	ppm	4 3		 	
		- 4 4 3 3			



VCES- VOLVO CONSTRUCTION EQUIPMENT

1944 MARINA BLVD SAN LEANDRO, CA US 94577 Contact: DAVE HILDEBRAND david.hildebrand@vcesvolvo.com T: (510)357-9131 F: (925)294-9240

Diagnosis

We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.Gear 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:
 VOLVO4487

 Unique No:
 10938217

 Signed:
 Don Baldridge

 Report Date:
 22 Mar 2024

1432

1162

24

0 🔲

ppm

ppm

ppm

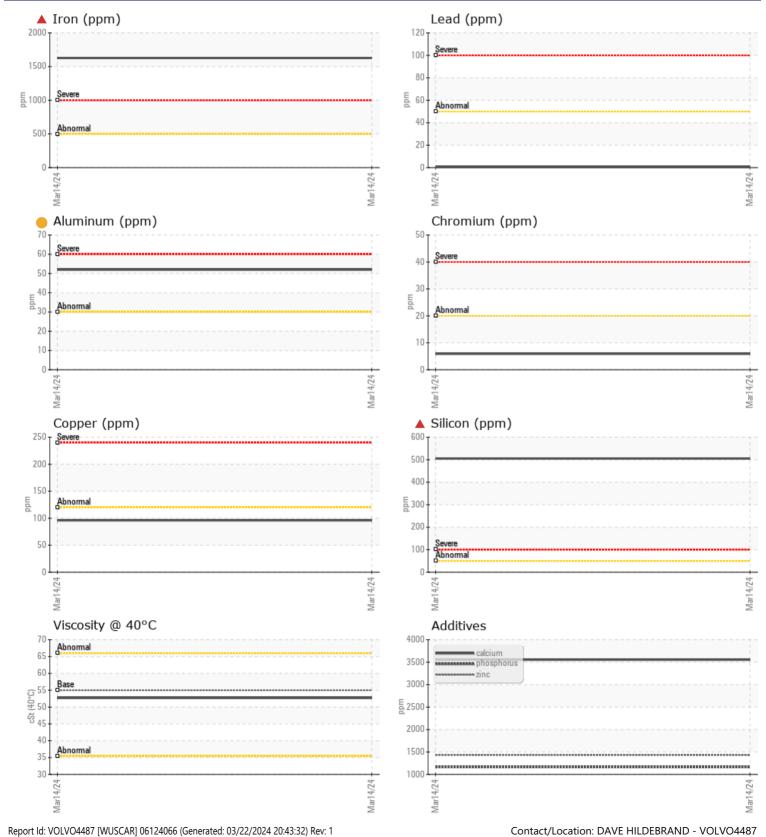
ppm

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Page 2 of 2