CONSTRUCTION EQUIPMENT SW1027980 DIAMOND VOLVO A40D 12032 - FRONT AXLE

 Sample No:
 VCP412920

 Oil Type:
 GEAR OIL SAE 80W90

 Job No:
 SW1027980 DIAMOND

VOLVO

	INFORMATION			
	. INFURMATION		 -	-
Sample Number		VCP412920	 	
Sample Date		03 Jan 2024	 	
Machine Hours		6905	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		SEVERE	 	
VOLVO				
OIL CON	DITION			
Visc @ 40°C	cSt	135	 	
VOLVO				
	MINATION			
Water	%	NEG	 	
Silicon	ppm	9	 	
Sodium	ppm	0	 	
Potassium	ppm	<b>15</b>	 	
WEAR N	NETALS		 	
Iron	ppm	98	 	
Copper	ppm	305	 	
Lead	ppm	0	 	
Tin	ppm	11	 	
Aluminum	ppm	2	 	
Chromium	ppm	■² ■<1	 	
Molybdenum	ppm		 	
Nickel	ppm	0		
Titanium		0	 	
Silver	ppm	0	 	
	ppm			
Manganese	ppm	■ <1	 	
Vanadium	ppm	0	 	



## ARNOLD MACHINERY COMPANY

4323 EAST WINSLOW AVENUE PHOENIX, AZ US 85040 Contact: RANDY PRZEKURAT randyp@arnoldmachinery.com T: F: (602)414-1904

## Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

 Depot:
 VOLVO6174

 Unique No:
 10842665

 Signed:
 Don Baldridge

 Report Date:
 23 Jan 2024

50

2

7

987

**||** <1

178

ppm

ppm

ppm

ppm

ppm

ppm

Calcium

Zinc

Barium

Boron

Magnesium

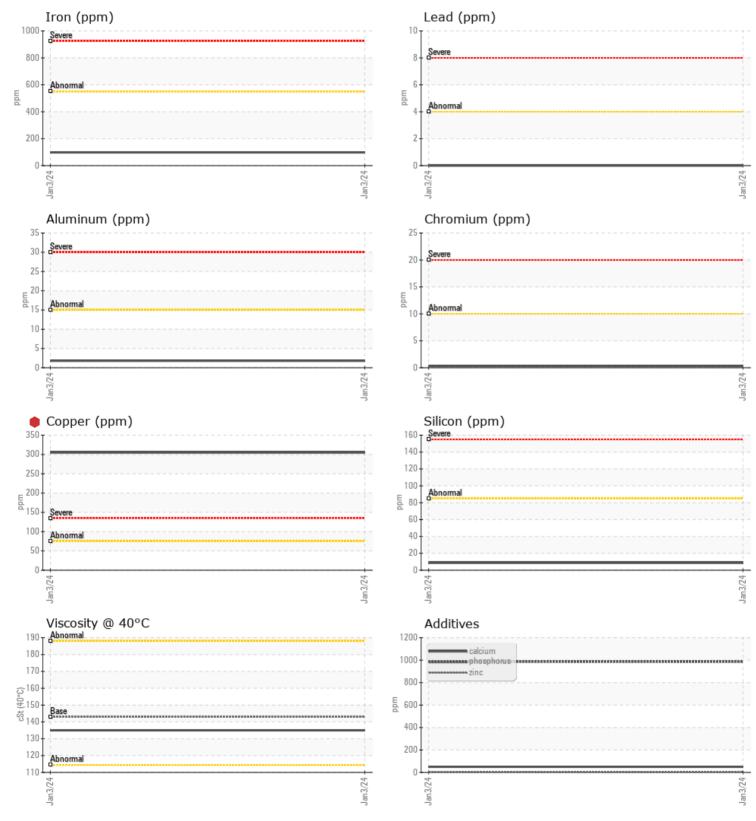
Phosphorus

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO6174 [WUSCAR] 06065988 (Generated: 01/23/2024 10:29:13) Rev: 1

Contact/Location: RANDY PRZEKURAT - VOLVO6174