CONSTRUCTION EQUIPMENT SW1026683 MGC VOLVO ECR40D 14219 - REAR LEFT FINAL DRI

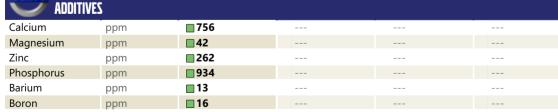
 Sample No:
 VCP405444

 Oil Type:
 GEAR OIL SAE 80W90

 Job No:
 SW1026683 MGC

VOLVO

VOLVO				
SAMPLE	<b>INFORMATION</b>			
Sample Number	-	VCP405444	 	
Sample Date		22 Nov 2023	 	
Machine Hours		950	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		SEVERE	 	
OIL CON	DITION			
Visc @ 40°C	cSt	203	 	
VOLVO			 	
	AINATION			_
Water	%	NEG	 	
Silicon	ppm	02563	 	
Sodium	ppm	<b>44</b>	 	
Potassium	ppm	<b>124</b>	 	
WEAR N	METALS			
Iron	ppm	6599	 	
Copper	ppm	<b>1</b> 9	 	
Lead	ppm	0	 	
Tin	ppm		 	
Aluminum	ppm	<b>A</b> 360	 	
Chromium	ppm	976	 	
Molybdenum	ppm	7	 	
Nickel	ppm	025	 	
Titanium	ppm	31	 	
Silver	ppm	0	 	
Manganese	ppm	60	 	
Vanadium	ppm	<1	 	





## ARNOLD MACHINERY COMPANY

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

## Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.Gear wear is indicated. Component wear metal level(s) high for break in. 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:
 VOLVO6174

 Unique No:
 10768658

 Signed:
 Don Baldridge

 Report Date:
 06 Dec 2023

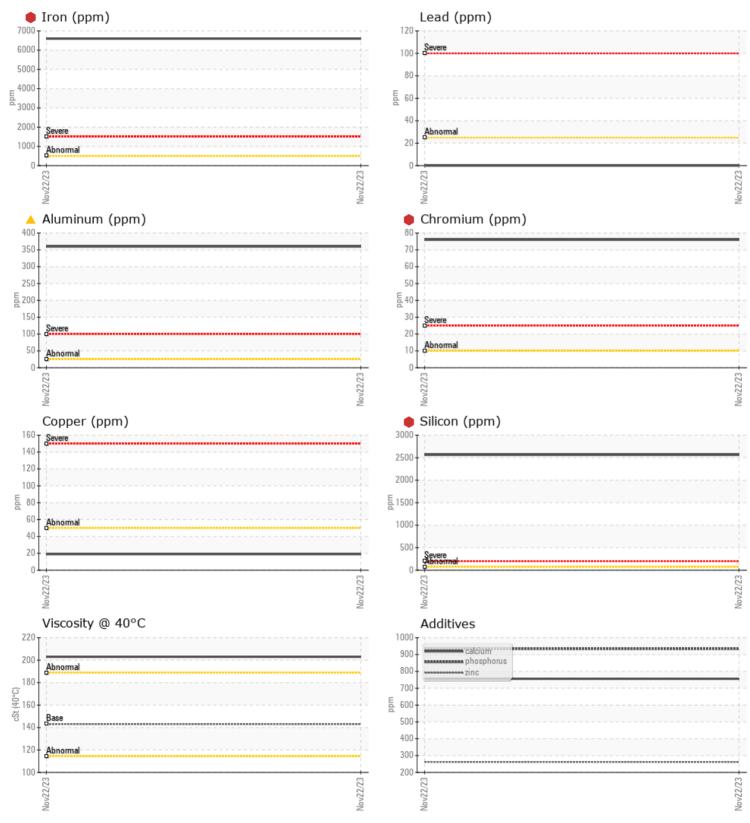
Contact/Location: RANDY PRZEKURAT - VOLVO6174

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO6174 [WUSCAR] 06024158 (Generated: 12/06/2023 12:02:24) Rev: 1

Contact/Location: RANDY PRZEKURAT - VOLVO6174