**CONSTRUCTION EQUIPMENT** 2632-2 ESTES VOLVO A3OC 2380 - REAR AXLE



 Sample No:
 VCP441114

 Oil Type:
 GEAR OIL SAE 80W90

 Job No:
 2632-2 ESTES

VOLVO

Boron

	E INFORMATION	l		
Sample Number		VCP441114	 	
Sample Date		01 Nov 2023	 	
Machine Hours		15371	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		ABNORMAL	 	
VOLVO	DITION			
V OIL CON			 _	
Visc @ 40°C	cSt	<b>164</b>	 	
	MINATION			
Silicon		<b>193</b>	 	
	ppm			
Sodium	ppm	<b>4</b>	 	
Potassium	ppm	6	 	
VOLVO				
WEAR I	METALS			
Iron	ppm	553	 	
Copper	ppm	36	 	
Lead	ppm	0	 	
Tin	ppm	3	 	
Aluminum	ppm	<u> </u>	 	
Chromium	ppm	5	 	
Molybdenum	ppm	□<1	 	
Nickel	ppm	<b>1</b>	 	
Titanium	ppm	2	 	
Silver	ppm	0	 	
Manganese	ppm	5	 	
Vanadium	ppm	0	 	
	VFS		 	
Calcium	-	402	 	
Magnesium	ppm ppm	26	 	
Zinc		180	 	
Phosphorus	ppm	879	 	
Barium	ppm	0	 	
Danum	ppm		 	



MCCLUNG-LOGAN EQUIPMENT CO - WISE PO BOX 1158 WISE, VA US 24293 Contact: DANNY BARRINGTON dbarrington@mcclung-logan.com

## Diagnosis

T: F:

> We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor.All component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.

 Depot:
 VOLVO8881

 Unique No:
 10727733

 Signed:
 Doug Bogart

 Report Date:
 07 Nov 2023

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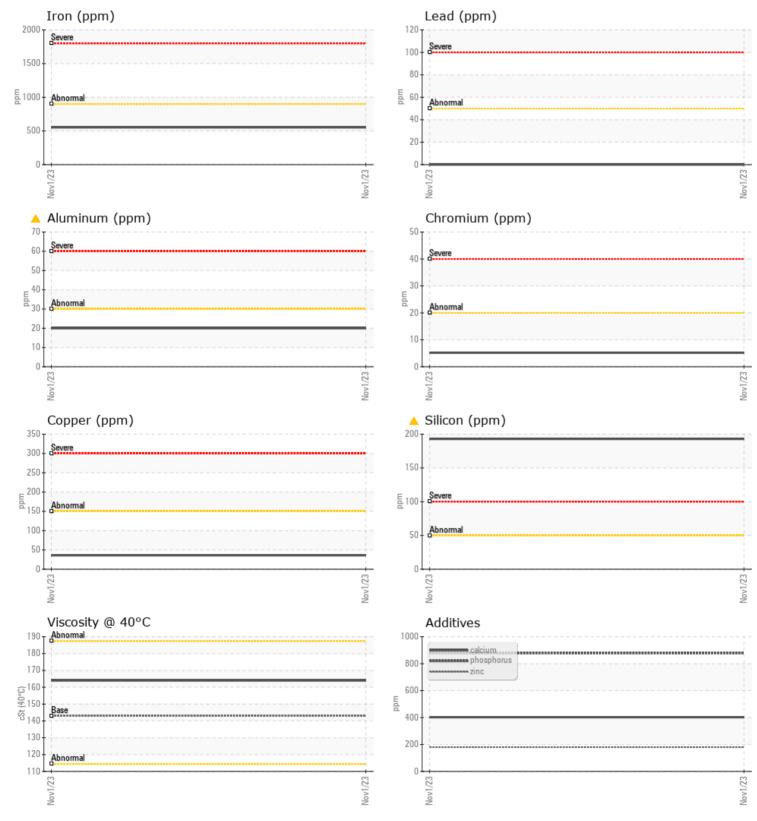
ppm

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO8881 [WUSCAR] 05999373 (Generated: 11/07/2023 21:59:35) Rev: 1

Contact/Location: DANNY BARRINGTON - VOLVO8881