CONSTRUCTION EQUIPMENT RS0036083 VOLVO A25G 752018 - REAR AXLE



 Sample No:
 VCP4708631

 Oil Type:
 COWIN 80W90

 Job No:
 RS0036083

VOINTO

	E INFORMATION			
Sample Number		VCP4708631		 
Sample Number		28 Nov 2023		 
Machine Hours		3150		 
Oil Hours		0		 
Oil Changed		Changed		 
Sample Status		SEVERE		 
Sample Status		JEVERE		
OIL CON				
			<u>.</u>	 <u>.</u>
Visc @ 40°C	cSt	<b>A</b> 82.6		 
VOLVO				
CONTAI	MINATION			
Water	%	<b>0.389</b>		 
Silicon	ppm	• 1629		 
Sodium	ppm	10		 
Potassium	ppm	32		 
WEAD	METALS			
Iron	ppm	823		 
Copper	ppm	<u>▲</u> 211		 
Lead	ppm	3		 
Tin	ppm	10		 
Aluminum	ppm	▲ 259		 
Chromium	ppm	<b>10</b>		 
Molybdenum	ppm	72		 
Nickel	ppm	14		 
Titanium	ppm	<b>1</b> 9		 
Silver	ppm	1		 
Manganese	ppm	11		 
Vanadium	ppm	2		 
VOLVO				 
ADDITI	VES			
Calcium	ppm	479		 
Magnesium	ppm	132		 

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COWIN EQUIPMENT COMPANY

7950 PITTMAN AVE PENSACOLA, FL US 32534 Contact: HUGH DOBBS HDOBBS@COWIN.COM T: (850)479-3004 F: (850)474-1602

## Diagnosis

We advise that you check all areas where dirt can enter the system. We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. The copper level is abnormal. All other component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate aluminasilicate (coarse dirt) ingress. There is a moderate concentration of water present in the oil. The oil viscosity is lower than normal. The oil is no longer serviceable due to the presence of contaminants.

Depot:	VOLVO8247		
Unique No:	10769931		
Signed:	Sean Felton		
Report Date:	07 Dec 2023		

277

893

158

0

ppm

ppm

ppm

ppm

Zinc

Barium

Boron

Phosphorus

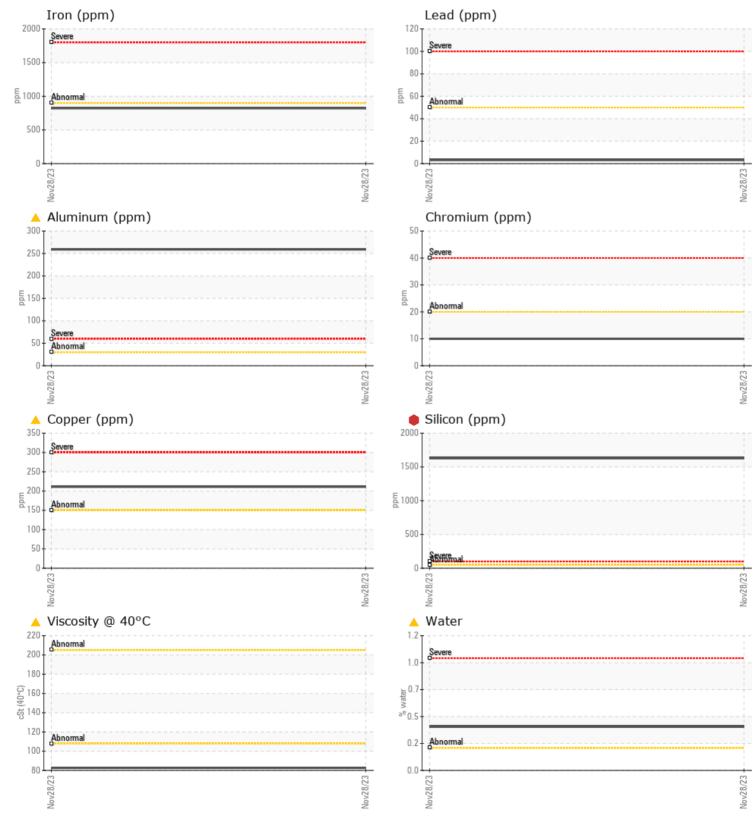
Contact/Location: HUGH DOBBS - VOLVO8247

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO8247 [WUSCAR] 06025431 (Generated: 12/08/2023 16:37:47) Rev: 1

Contact/Location: HUGH DOBBS - VOLVO8247