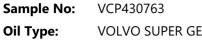
**CONSTRUCTION EQUIPMENT** VOLVO EC380EL 314090 - REAR LEFT FINAL DRIVE 23956



23956

TOTATO

VOLVO SUPER GEAR OIL 75W-80-GO102

Job No:

Phosphorus

Barium

Boron

ppm

ppm

ppm

## SAMPLE INFORMATION

Sample Number		VCP430763				
Sample Date		24 Aug 2023				
Machine Hours		3560				
Oil Hours		1000				
Oil Changed		Changed				
Sample Status		SEVERE				
Visc @ 40°C	cSt	86.5				
VOLVO						
CONTAMI	NATION					
Silicon	ppm	<b>173</b>				
Sodium	ppm	<b>4</b>				
Potassium	ppm	6				
WEAR METALS						
Iron	ppm	• 1941				
Copper	ppm	<b>4</b>				
Lead	ppm	0				
Tin	ppm	0				
Aluminum	ppm	<b>4</b> 25				
Chromium	ppm	<b>A</b> 15				
Molybdenum	ppm	<b> </b> <1				
Nickel	ppm	<b>■</b> <1				
Titanium	ppm	1				
Silver	ppm	0				
Manganese	ppm	∎11				
Vanadium	ppm	<1				
ADDITIVES						
Calcium	ppm	83				
Magnesium	ppm	7				
Zinc	ppm	31				



## 218 - ASCENDUM MACHINERY INC - N. CHARLESTON

7235 CROSS COUNTRY RD. NORTH CHARLESTON, SC US 29418 Contact: MATT MITCHAM matt.mitcham@ascendummachinery.com T: F: (843)414-1129

## 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. 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:	VOLVO3387		
Unique No:	10622859		
Signed:	Don Baldridge		
Report Date:	31 Aug 2023		

1682

0

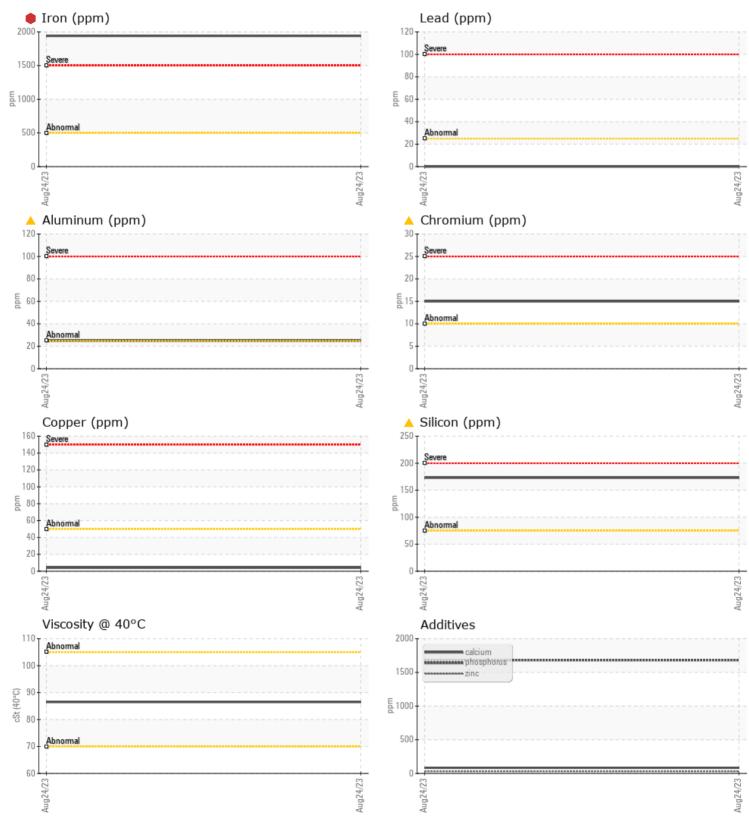
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## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO3387 [WUSCAR] 05937588 (Generated: 08/31/2023 10:26:07) Rev: 1

Contact/Location: MATT MITCHAM - VOLVO3387