**CONSTRUCTION EQUIPMENT** 24534 VOLVO EC220E 315233 - REAR LEFT FINAL DRIVE

Sample No:	VCP429278
Oil Type:	VOLVO SUPER GEAR OIL 75W-80-GO102
Job No:	24534

## SAMPLE INFORMATION

Phosphorus

Barium

Boron

ppm

ppm

ppm

VOLV

	e infurmation			
Sample Number		VCP429278	 	
Sample Date		29 Nov 2023	 	
Machine Hours		612	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		ATTENTION	 	
OIL CON	DITION			
Visc @ 40°C	cSt	<b>A</b> 178	 	
CONTAI	MINATION			
Water	%	NEG	 	
Silicon	ppm	23	 	
Sodium	ppm	5	 	
Potassium	ppm	<b>1</b> 4	 	
WEAR I	METALS			
Iron	ppm	321	 	
Copper	ppm		 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	3	 	
Chromium	ppm	2	 	
Molybdenum	ppm	<b>■</b> <1	 	
Nickel	ppm		 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	5	 	
Vanadium	ppm	<1	 	
ADDITI	VES		 	
Calcium	ppm	<u> </u>	 	
Magnesium	ppm	0	 	
Zinc	ppm	<u> </u>	 	
	1.1			



## 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

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is higher than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

Depot:	VOLVO3387
Unique No:	10777988
Signed:	Don Baldridge
Report Date:	10 Dec 2023

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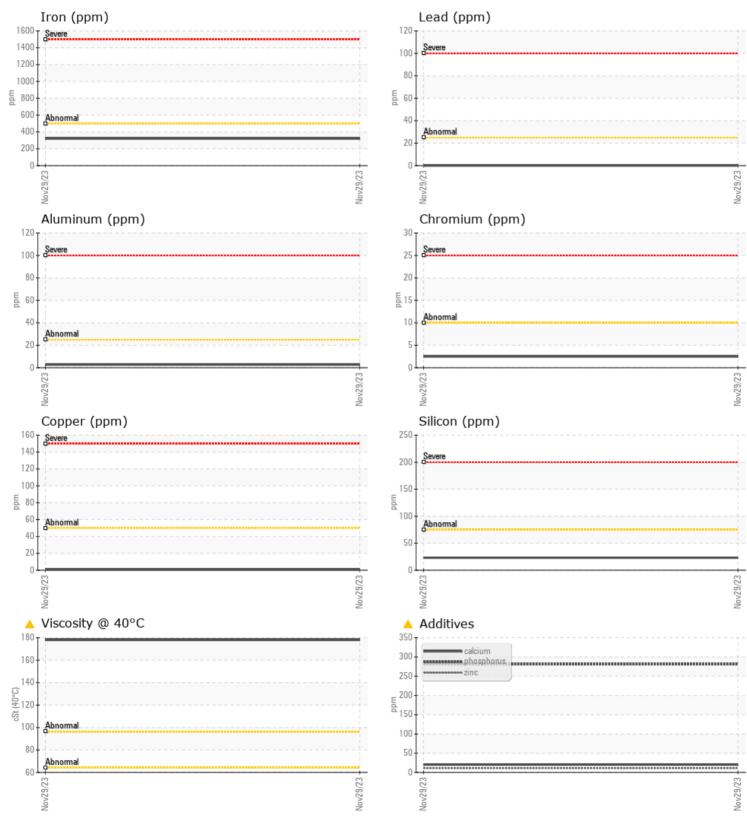
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## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO3387 [WUSCAR] 06028197 (Generated: 12/10/2023 12:24:11) Rev: 1

Contact/Location: MATT MITCHAM - VOLVO3387