



# CONSTRUCTION EQUIPMENT

## 23956 VOLVO EC380EL 314090 - SWING DRIVE



**Sample No:** VCP430771  
**Oil Type:** VOLVO SUPER GEAR OIL 75W-80-GO102  
**Job No:** 23956



**218 - ASCENDUM MACHINERY INC - N. CHARLESTON**  
 7235 CROSS COUNTRY RD.  
 NORTH CHARLESTON, SC  
 US 29418  
 Contact: MATT MITCHAM  
 matt.mitcam@ascendummachinery.com  
 T:  
 F: (843)414-1129



### SAMPLE INFORMATION

Sample Number	VCP430771	---	---	---
Sample Date	24 Aug 2023	---	---	---
Machine Hours	3560	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



### OIL CONDITION

Visc @ 40°C	cSt	69.6	---	---	---
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### CONTAMINATION

Silicon	ppm	10	---	---	---
Sodium	ppm	1	---	---	---
Potassium	ppm	0	---	---	---



### WEAR METALS

Iron	ppm	122	---	---	---
Copper	ppm	12	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	19	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	21	---	---	---
Phosphorus	ppm	1663	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	155	---	---	---

### Diagnosis

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 condition of the oil is acceptable for the time in service.

**Depot:** VOLVO3387  
**Unique No:** 10622861  
**Signed:** Don Baldrige  
**Report Date:** 30 Aug 2023



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## GRAPHS

