



# CONSTRUCTION EQUIPMENT

## 50531 VOLVO A40G 352457 - DROP BOX



**Sample No:** VCP319877  
**Oil Type:** VOLVO SUPER GEAR OIL 75W-80-GO102  
**Job No:** 50531



### SAMPLE INFORMATION

Sample Number	<b>VCP319877</b>	VCP423711	---	---
Sample Date	<b>08 Dec 2023</b>	26 Sep 2023	---	---
Machine Hours	<b>4147</b>	3935	---	---
Oil Hours	<b>0</b>	0	---	---
Oil Changed	<b>Not Changed</b>	Changed	---	---
Sample Status	<b>ABNORMAL</b>	SEVERE	---	---

**367 - ASCENDUM MACHINERY INC - BUFORD**  
 3779 RYDER BLVD  
 BUFORD, GA  
 US 30519  
 Contact: Dana Vaccaro  
 dana.vaccaro@ascendummachinery.com  
 T: (678)318-9500  
 F: (678)318-9534



### OIL CONDITION

Visc @ 40°C	cSt	<b>130</b>	49.0	---	---
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### CONTAMINATION

Water	%	<b>NEG</b>	NEG	---	---
Silicon	ppm	<b>6</b>	24	---	---
Sodium	ppm	<b>0</b>	4	---	---
Potassium	ppm	<b>2</b>	2	---	---

### Diagnosis

No corrective action is recommended at this time. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>916</b>	1800	---	---
Copper	ppm	<b>5</b>	20	---	---
Lead	ppm	<b>0</b>	0	---	---
Tin	ppm	<b>0</b>	0	---	---
Aluminum	ppm	<b>2</b>	2	---	---
Chromium	ppm	<b>11</b>	23	---	---
Molybdenum	ppm	<b>14</b>	21	---	---
Nickel	ppm	<b>8</b>	14	---	---
Titanium	ppm	<b>0</b>	<1	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>7</b>	19	---	---
Vanadium	ppm	<b>0</b>	<1	---	---



### ADDITIVES

Calcium	ppm	<b>92</b>	48	---	---
Magnesium	ppm	<b>22</b>	19	---	---
Zinc	ppm	<b>182</b>	93	---	---
Phosphorus	ppm	<b>890</b>	2219	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>129</b>	124	---	---

**Depot:** VOLVO8529  
**Unique No:** 10805883  
**Signed:** Sean Felton  
**Report Date:** 28 Dec 2023



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## GRAPHS

