



# CONSTRUCTION EQUIPMENT

SWA512290 LIBERTY GENIE S-65 S60H-37857 - SWING DRIVE



**Sample No:** VCP438323  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** SWA512290 LIBERTY



## SAMPLE INFORMATION

Sample Number	VCP438323	---	---	---
Sample Date	03 Apr 2024	---	---	---
Machine Hours	2130	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### ALTA EQUIPMENT COMPANY

1035 WYLIE DRIVE  
BLOOMINGTON, IL  
US 61705

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## OIL CONDITION

Visc @ 40°C	cSt	█ 130	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 2	---	---	---



## WEAR METALS

Iron	ppm	█ 373	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	█ 20	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 27	---	---	---
Phosphorus	ppm	█ 993	---	---	---
Barium	ppm	█ 15	---	---	---
Boron	ppm	46	---	---	---

### 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:** VOLVO5054  
**Unique No:** 10979130  
**Signed:** Wes Davis  
**Report Date:** 16 Apr 2024


