



# CONSTRUCTION EQUIPMENT

512294 LIBERTY GENIE S125 S12511-3151 - SWING DRIVE



**Sample No:** VCP438111  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 512294 LIBERTY



## SAMPLE INFORMATION

Sample Number	VCP438111	---	---	---
Sample Date	09 Apr 2024	---	---	---
Machine Hours	2744	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

### ALTA EQUIPMENT COMPANY

1035 WYLIE DRIVE  
BLOOMINGTON, IL  
US 61705

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## OIL CONDITION

Visc @ 40°C	cSt	█ 140	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 1	---	---	---



## WEAR METALS

Iron	ppm	▲ 789	---	---	---
Copper	ppm	█ 22	---	---	---
Lead	ppm	█ 15	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 9	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	█ 57	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 40	---	---	---
Phosphorus	ppm	█ 1202	---	---	---
Barium	ppm	█ 3	---	---	---
Boron	ppm	24	---	---	---

## Diagnosis

The oil change at the time of sampling has been noted. 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.

**Depot:** VOLVO5054  
**Unique No:** 10979142  
**Signed:** Sean Felton  
**Report Date:** 17 Apr 2024



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

