



# CONSTRUCTION EQUIPMENT

512294 LIBERTY GENIE S125 S12511-3151 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP438322  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 512294 LIBERTY



## SAMPLE INFORMATION

Sample Number	VCP438322	---	---	---
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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 F:



## OIL CONDITION

Visc @ 40°C	cSt	█ 142	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 17	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 3	---	---	---



## WEAR METALS

Iron	ppm	█ 341	---	---	---
Copper	ppm	▲ 72	---	---	---
Lead	ppm	▲ 147	---	---	---
Tin	ppm	█ 3	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 6	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 10	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	█ 287	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 157	---	---	---
Phosphorus	ppm	█ 1370	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 69	---	---	---

## 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. Bearing and/or bushing 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:** 10979140  
**Signed:** Sean Felton  
**Report Date:** 17 Apr 2024



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## VOLVO GRAPHS

