



# CONSTRUCTION EQUIPMENT

SPM622031 GENIE Z45/25 Z452515A-53624 - FRONT LEFT FINAL DRIVE



**Sample No:** VCP434003  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM622031



## SAMPLE INFORMATION

Sample Number	VCP434003	---	---	---
Sample Date	01 Nov 2023	---	---	---
Machine Hours	2477	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### ALTA EQUIPMENT COMPANY

1061 STEPKE COURT  
TRAVERSE CITY, MI  
US 49685  
Contact: KEVIN DOHM  
kevin.dohm@altaequipment.com  
T: (231)943-3700  
F: (231)943-8110



## OIL CONDITION

Visc @ 40°C	cSt	█ 110	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 14	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 3	---	---	---

### 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.



## WEAR METALS

Iron	ppm	█ 31	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 2739	---	---	---
Magnesium	ppm	█ 9	---	---	---
Zinc	ppm	█ 1105	---	---	---
Phosphorus	ppm	█ 1059	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 120	---	---	---

**Depot:** VOLVO8501  
**Unique No:** 10751927  
**Signed:** Jonathan Hester  
**Report Date:** 22 Nov 2023



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## GRAPHS

