



# CONSTRUCTION EQUIPMENT

SPM621184 GEN RV VOLVO L20H 1220361 - FRONT AXLE



**Sample No:** VCP429502  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** SPM621184 GEN RV



## SAMPLE INFORMATION

Sample Number	VCP429502	VCP354824	---	---
Sample Date	25 Oct 2023	20 Jun 2022	---	---
Machine Hours	2884	1402	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	█ 119	▲ 63.0	---	---
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## CONTAMINATION

Silicon	ppm	█ 5	█ 10	---	---
Sodium	ppm	█ 5	█ 17	---	---
Potassium	ppm	█ <1	█ 4	---	---

## 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	█ 118	█ 133	---	---
Copper	ppm	█ 0	█ 2	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 0	█ 1	---	---
Chromium	ppm	█ 2	█ 3	---	---
Molybdenum	ppm	█ <1	█ 0	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 6	█ 17	---	---
Vanadium	ppm	0	0	---	---



## ADDITIVES

Calcium	ppm	█ 589	▲ 3471	---	---
Magnesium	ppm	█ 23	█ 11	---	---
Zinc	ppm	█ 294	▲ 1439	---	---
Phosphorus	ppm	█ 1374	█ 1141	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 122	█ 127	---	---

**Depot:** VOLVO5023  
**Unique No:** 10727755  
**Signed:** Don Baldrige  
**Report Date:** 08 Nov 2023



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## GRAPHS

