



# CONSTRUCTION EQUIPMENT

## X47387 VOLVO A25G 752487 - BOGIE/CENTER RIGHT FINAL DRIVE



**Sample No:** VCP427008  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** X47387



### SAMPLE INFORMATION

Sample Number	<b>VCP427008</b>	VCP427428	---	---
Sample Date	<b>09 Aug 2023</b>	09 Aug 2023	---	---
Machine Hours	<b>1928</b>	1928	---	---
Oil Hours	<b>0</b>	0	---	---
Oil Changed	<b>N/A</b>	N/A	---	---
Sample Status	<b>ATTENTION</b>	ATTENTION	---	---

**SCOTT EQUIPMENT COMPANY LLC - Lake Charles**  
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 LAKE CHARLES, LA  
 US 70616  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>▲ 91.1</b>	▲ 91.2	---	---
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### CONTAMINATION

Silicon	ppm	<b>■ 5</b>	■ 7	---	---
Sodium	ppm	<b>■ 3</b>	■ 2	---	---
Potassium	ppm	<b>■ 5</b>	■ 5	---	---



### WEAR METALS

Iron	ppm	<b>■ 190</b>	■ 423	---	---
Copper	ppm	<b>■ 42</b>	■ 43	---	---
Lead	ppm	<b>■ 0</b>	■ 0	---	---
Tin	ppm	<b>■ 2</b>	■ 2	---	---
Aluminum	ppm	<b>■ 2</b>	■ 2	---	---
Chromium	ppm	<b>■ 4</b>	■ 8	---	---
Molybdenum	ppm	<b>■ 10</b>	■ 14	---	---
Nickel	ppm	<b>■ 3</b>	■ 5	---	---
Titanium	ppm	<b>0</b>	<1	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>■ 9</b>	■ 13	---	---
Vanadium	ppm	<b>0</b>	0	---	---



### ADDITIVES

Calcium	ppm	<b>▲ 750</b>	▲ 757	---	---
Magnesium	ppm	<b>■ 2</b>	■ 2	---	---
Zinc	ppm	<b>▲ 341</b>	▲ 343	---	---
Phosphorus	ppm	<b>▲ 1353</b>	▲ 1362	---	---
Barium	ppm	<b>■ 2</b>	■ 2	---	---
Boron	ppm	<b>■ 232</b>	■ 234	---	---

### Diagnosis

Resample at the next service interval to monitor. NOTE: one of two samples received with same ID and sampling date. All component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

**Depot:** VOLVO6244  
**Unique No:** 10606374  
**Signed:** Don Baldrige  
**Report Date:** 17 Aug 2023



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## GRAPHS

