



# CONSTRUCTION EQUIPMENT

19768 LANE BLYTHE VOLVO A45G 352253 - REAR AXLE



**Sample No:** VCP439578  
**Oil Type:** VOLVO SUPER GEAR OIL 75W-80-GO102  
**Job No:** 19768 LANE BLYTHE



## SAMPLE INFORMATION

Sample Number	<b>VCP439578</b>	VCP418331	VCP387525	---
Sample Date	<b>06 Oct 2023</b>	06 Jun 2023	24 Aug 2022	---
Machine Hours	<b>5191</b>	4749	3927	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

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## OIL CONDITION

Visc @ 40°C	cSt	<b>53.9</b>	54.0	138	---
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## CONTAMINATION

Silicon	ppm	<b>16</b>	2	6	---
Sodium	ppm	<b>&lt;1</b>	3	8	---
Potassium	ppm	<b>3</b>	0	0	---



## WEAR METALS

Iron	ppm	<b>78</b>	24	107	---
Copper	ppm	<b>3</b>	2	9	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	0	<1	---
Aluminum	ppm	<b>2</b>	0	2	---
Chromium	ppm	<b>&lt;1</b>	<1	2	---
Molybdenum	ppm	<b>3</b>	3	20	---
Nickel	ppm	<b>&lt;1</b>	0	<1	---
Titanium	ppm	<b>&lt;1</b>	<1	0	---
Silver	ppm	<b>0</b>	0	<1	---
Manganese	ppm	<b>&lt;1</b>	<1	3	---
Vanadium	ppm	<b>0</b>	<1	0	---



## ADDITIVES

Calcium	ppm	<b>39</b>	35	169	---
Magnesium	ppm	<b>19</b>	13	41	---
Zinc	ppm	<b>22</b>	21	90	---
Phosphorus	ppm	<b>2244</b>	2422	498	---
Barium	ppm	<b>&lt;1</b>	0	0	---
Boron	ppm	<b>278</b>	313	59	---

## 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.

**Depot:** VOLVO8769  
**Unique No:** 10702425  
**Signed:** Don Baldrige  
**Report Date:** 23 Oct 2023



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## GRAPHS

