



# CONSTRUCTION EQUIPMENT

19772 LANE-BLYTHE VOLVO A45GFS 352252 - BOGIE/CENTER AXLE



**Sample No:** VCP441285  
**Oil Type:** VOLVO SUPER GEAR OIL 75W-80-GO102  
**Job No:** 19772 LANE-BLYTHE



## SAMPLE INFORMATION

Sample Number	<b>VCP441285</b>	VCP420128	VCP387535	---
Sample Date	<b>05 Oct 2023</b>	09 Jun 2023	25 Aug 2022	---
Machine Hours	<b>6445</b>	5446	4182	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	Changed	---
Sample Status	<b>NORMAL</b>	ABNORMAL	NORMAL	---

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## OIL CONDITION

Visc @ 40°C	cSt	<b>51.6</b>	51.5	140	---
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## CONTAMINATION

Silicon	ppm	<b>6</b>	3	7	---
Sodium	ppm	<b>0</b>	<1	0	---
Potassium	ppm	<b>2</b>	0	0	---

## 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	<b>273</b>	110	277	---
Copper	ppm	<b>3</b>	1	3	---
Lead	ppm	<b>&lt;1</b>	0	0	---
Tin	ppm	<b>0</b>	0	1	---
Aluminum	ppm	<b>2</b>	0	3	---
Chromium	ppm	<b>2</b>	1	3	---
Molybdenum	ppm	<b>3</b>	2	21	---
Nickel	ppm	<b>1</b>	<1	2	---
Titanium	ppm	<b>&lt;1</b>	<1	0	---
Silver	ppm	<b>0</b>	0	<1	---
Manganese	ppm	<b>4</b>	2	5	---
Vanadium	ppm	<b>0</b>	<1	0	---



## ADDITIVES

Calcium	ppm	<b>63</b>	39	198	---
Magnesium	ppm	<b>18</b>	13	66	---
Zinc	ppm	<b>37</b>	21	124	---
Phosphorus	ppm	<b>2344</b>	2454	593	---
Barium	ppm	<b>&lt;1</b>	0	0	---
Boron	ppm	<b>264</b>	305	41	---

**Depot:** VOLVO8769  
**Unique No:** 10702495  
**Signed:** Don Baldrige  
**Report Date:** 23 Oct 2023



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## GRAPHS

