



# CONSTRUCTION EQUIPMENT

## VOLVO A25G 752045 - DROP BOX



**Sample No:** VCP447761  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP447761</b>	VCP387144	VCP321388	---
Sample Date	<b>21 May 2024</b>	15 Sep 2023	25 Aug 2021	---
Machine Hours	<b>4514</b>	3862	1613	---
Oil Hours	<b>0</b>	0	1613	---
Oil Changed	<b>Changed</b>	Changed	Not Changd	---
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	---

**ALTA EQUIPMENT COMPANY**  
 5151 DR MARTIN LUTHER KING BLVD  
 FORT MYERS, FL  
 US 33905  
 Contact: TODD LARK  
 tlark@altaequipfl.com  
 T:  
 F: (239)481-3302



### OIL CONDITION

Visc @ 40°C	cSt	<b>56.4</b>	56.1	57.2	---
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### CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>41</b>	39	33	---
Sodium	ppm	<b>8</b>	8	7	---
Potassium	ppm	<b>0</b>	2	1	---

### 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>87</b>	80	53	---
Copper	ppm	<b>&lt;1</b>	2	1	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>21</b>	15	11	---
Chromium	ppm	<b>1</b>	1	<1	---
Molybdenum	ppm	<b>16</b>	14	15	---
Nickel	ppm	<b>0</b>	0	<1	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>3</b>	3	2	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>109</b>	89	59	---
Magnesium	ppm	<b>0</b>	1	2	---
Zinc	ppm	<b>53</b>	64	38	---
Phosphorus	ppm	<b>1503</b>	1370	1292	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>173</b>	177	154	---

**Depot:** VOLVO0090  
**Unique No:** 11056524  
**Signed:** Don Baldrige  
**Report Date:** 31 May 2024



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## GRAPHS

