



# CONSTRUCTION EQUIPMENT

TUCKER PAVING VOLVO A25G 752438 - FRONT AXLE



**Sample No:** VCP444693  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** TUCKER PAVING



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC  
 8418 PALM RIVER ROAD  
 TAMPA, FL  
 US 33619  
 Contact: KENNY HANEY  
 khaney@flaglerce.com  
 T: (813)630-0077  
 F: (813)630-2233



## SAMPLE INFORMATION

Sample Number	<b>VCP444693</b>	VCP402861	VCP389367	---
Sample Date	<b>18 Jun 2024</b>	22 Feb 2023	18 Oct 2022	---
Machine Hours	<b>3330</b>	1047	523	---
Oil Hours	<b>0</b>	500	500	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---



## OIL CONDITION

Visc @ 40°C	cSt	<b>221</b>	203	94.7	---
-------------	-----	------------	-----	------	-----



## CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<b>3</b>	10	5	---
Sodium	ppm	<b>1</b>	0	1	---
Potassium	ppm	<b>&lt;1</b>	3	1	---



## WEAR METALS

Iron	ppm	<b>149</b>	98	265	---
Copper	ppm	<b>23</b>	9	31	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	<1	1	---
Aluminum	ppm	<b>0</b>	2	<1	---
Chromium	ppm	<b>2</b>	2	6	---
Molybdenum	ppm	<b>7</b>	8	15	---
Nickel	ppm	<b>&lt;1</b>	2	5	---
Titanium	ppm	<b>0</b>	<1	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>4</b>	3	12	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>253</b>	322	627	---
Magnesium	ppm	<b>18</b>	23	2	---
Zinc	ppm	<b>137</b>	157	271	---
Phosphorus	ppm	<b>1086</b>	965	1318	---
Barium	ppm	<b>&lt;1</b>	2	1	---
Boron	ppm	<b>150</b>	164	222	---

## 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:** VOLVO0093  
**Unique No:** 11099828  
**Signed:** Wes Davis  
**Report Date:** 27 Jun 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

