



# CONSTRUCTION EQUIPMENT

TUCKER PAVING VOLVO A25G 742081 - REAR AXLE



**Sample No:** VCP451180  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** TUCKER PAVING



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## SAMPLE INFORMATION

Sample Number	VCP451180	VCP425805	VCP357471	VCP310129
Sample Date	26 Apr 2024	14 Jul 2023	21 Apr 2022	09 Jul 2021
Machine Hours	8996	7964	6063	5033
Oil Hours	0	4000	2000	1000
Oil Changed	Not Chngd	Changed	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



## OIL CONDITION

Visc @ 40°C	cSt	301	264	296	290
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	9	13	30	<1
Sodium	ppm	<1	<1	0	<1
Potassium	ppm	0	0	<1	0



## WEAR METALS

Iron	ppm	59	103	134	34
Copper	ppm	8	111	119	3
Lead	ppm	0	0	0	0
Tin	ppm	0	4	4	0
Aluminum	ppm	0	1	4	0
Chromium	ppm	<1	1	1	<1
Molybdenum	ppm	7	3	2	2
Nickel	ppm	0	<1	1	0
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	2	2	<1
Vanadium	ppm	<1	<1	0	0



## ADDITIVES

Calcium	ppm	186	95	71	87
Magnesium	ppm	33	12	26	17
Zinc	ppm	112	46	50	55
Phosphorus	ppm	1005	1092	944	835
Barium	ppm	0	0	0	0
Boron	ppm	203	215	143	182

## 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:** 11030537  
**Signed:** Wes Davis  
**Report Date:** 15 May 2024



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## GRAPHS

