



# CONSTRUCTION EQUIPMENT

## 639020 TUCKER PAVING VOLVO EC550EL 310196 - LEFT SWING DRIVE



**Sample No:** VCP428648  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 639020 TUCKER PAVING



### SAMPLE INFORMATION

Sample Number	VCP428648	---	---	---
Sample Date	05 Jan 2024	---	---	---
Machine Hours	1236	---	---	---
Oil Hours	1236	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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### OIL CONDITION

Visc @ 40°C	cSt	█ 174	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 44	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ <1	---	---	---

### Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. 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	█ 194	---	---	---
Copper	ppm	█ 83	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 8	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	█ 4	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 52	---	---	---
Phosphorus	ppm	█ 559	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 1	---	---	---

**Depot:** VOLVO0093  
**Unique No:** 10862334  
**Signed:** Don Baldrige  
**Report Date:** 07 Feb 2024



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## GRAPHS

