



# CONSTRUCTION EQUIPMENT

SPM701622 RENTAL VOLVO EC750E 314147 - LEFT SWING DRIVE



**Sample No:** VCP367125  
**Oil Type:** GEAR OIL SAE 85W140  
**Job No:** SPM701622 RENTAL



## SAMPLE INFORMATION

Sample Number	<b>VCP367125</b>	VCP399761	VCP387218	---
Sample Date	<b>15 Apr 2024</b>	29 Apr 2023	15 Sep 2022	---
Machine Hours	<b>2228</b>	1122	635	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Changed</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

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## OIL CONDITION

Visc @ 40°C	cSt	<b>152</b>	194	179	---
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>6</b>	12	8	---
Sodium	ppm	<b>0</b>	2	0	---
Potassium	ppm	<b>&lt;1</b>	1	3	---

## 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. Confirm oil type. The condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	<b>91</b>	68	126	---
Copper	ppm	<b>5</b>	3	<1	---
Lead	ppm	<b>&lt;1</b>	<1	<1	---
Tin	ppm	<b>&lt;1</b>	1	0	---
Aluminum	ppm	<b>2</b>	0	1	---
Chromium	ppm	<b>1</b>	1	2	---
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	---
Nickel	ppm	<b>&lt;1</b>	<1	0	---
Titanium	ppm	<b>&lt;1</b>	0	<1	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>1</b>	1	3	---
Vanadium	ppm	<b>0</b>	<1	0	---



## ADDITIVES

Calcium	ppm	<b>371</b>	2398	32	---
Magnesium	ppm	<b>9</b>	18	1	---
Zinc	ppm	<b>169</b>	1098	8	---
Phosphorus	ppm	<b>552</b>	900	374	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>6</b>	2	1	---

**Depot:** VOLVO8885  
**Unique No:** 11017793  
**Signed:** Don Baldrige  
**Report Date:** 09 May 2024



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## GRAPHS

