



# CONSTRUCTION EQUIPMENT

## 621739 VOLVO EC750 310137 - RIGHT SWING DRIVE



**Sample No:** VCP434756  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 621739



### SAMPLE INFORMATION

Sample Number	<b>VCP434756</b>	VCP365888	VCP338791	VCP329052
Sample Date	<b>30 Nov 2023</b>	12 Sep 2022	01 Mar 2022	23 Oct 2021
Machine Hours	<b>6059</b>	5083	4065	3614
Oil Hours	<b>1000</b>	1000	0	1000
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### BLAZE CONSTRUCTION

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 T: (248)632-2317  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>274</b>	163	147	327
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	31	2	7
Sodium	ppm	<b>0</b>	0	0	<1
Potassium	ppm	<b>0</b>	0	0	<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>11</b>	156	<1	190
Copper	ppm	<b>&lt;1</b>	4	0	5
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>0</b>	1	0	1
Chromium	ppm	<b>&lt;1</b>	2	0	1
Molybdenum	ppm	<b>0</b>	0	0	<1
Nickel	ppm	<b>0</b>	0	0	<1
Titanium	ppm	<b>0</b>	<1	0	<1
Silver	ppm	<b>0</b>	0	0	2
Manganese	ppm	<b>&lt;1</b>	2	0	1
Vanadium	ppm	<b>0</b>	0	0	<1



### ADDITIVES

Calcium	ppm	<b>5</b>	30	23	42
Magnesium	ppm	<b>0</b>	<1	0	5
Zinc	ppm	<b>46</b>	31	10	30
Phosphorus	ppm	<b>1253</b>	1807	2054	981
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>130</b>	146	119	206

**Depot:** BLADET  
**Unique No:** 10779545  
**Signed:** Don Baldrige  
**Report Date:** 12 Dec 2023



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## GRAPHS

