



# CONSTRUCTION EQUIPMENT

W02007704 VOLVO EC460C 110134 - RIGHT SWING DRIVE



**Sample No:** VCP426059  
**Oil Type:** MOBIL MOBILUBE HD 85W140  
**Job No:** W02007704



## SAMPLE INFORMATION

Sample Number	<b>VCP426059</b>	VCP198207	VCP177153	---
Sample Date	<b>06 Nov 2023</b>	19 Aug 2016	10 Jul 2016	---
Machine Hours	<b>18738</b>	8366	8636	---
Oil Hours	<b>0</b>	500	1000	---
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>179</b>	341.1	344.0	---
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## CONTAMINATION

Silicon	ppm	<b>17</b>	6	7	---
Sodium	ppm	<b>0</b>	4	1	---
Potassium	ppm	<b>2</b>	2	<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>154</b>	154	201	---
Copper	ppm	<b>14</b>	11	13	---
Lead	ppm	<b>0</b>	0	<1	---
Tin	ppm	<b>0</b>	8	<1	---
Aluminum	ppm	<b>1</b>	<1	1	---
Chromium	ppm	<b>&lt;1</b>	1	2	---
Molybdenum	ppm	<b>0</b>	0	0	---
Nickel	ppm	<b>&lt;1</b>	0	<1	---
Titanium	ppm	<b>&lt;1</b>	<1	<1	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>2</b>	2	2	---
Vanadium	ppm	<b>&lt;1</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>7</b>	24	9	---
Magnesium	ppm	<b>7</b>	9	2	---
Zinc	ppm	<b>73</b>	33	22	---
Phosphorus	ppm	<b>607</b>	723	912	---
Barium	ppm	<b>2</b>	0	0	---
Boron	ppm	<b>14</b>	73	128	---

**Depot:** VOLVO0002  
**Unique No:** 10736957  
**Signed:** Sean Felton  
**Report Date:** 13 Nov 2023



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## GRAPHS

