



# CONSTRUCTION EQUIPMENT

## W02007426 VOLVO EC350EL 310389 - SWING DRIVE



**Sample No:** VCP416111  
**Oil Type:** MOBIL MOBILUBE HD 85W140  
**Job No:** W02007426



### SAMPLE INFORMATION

Sample Number	<b>VCP416111</b>	VCP376464	VCP326993	VCP279680
Sample Date	<b>04 Aug 2023</b>	26 Aug 2022	10 Feb 2022	21 Jul 2021
Machine Hours	<b>8933</b>	7996	7032	6146
Oil Hours	<b>1000</b>	1000	1000	1000
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>250</b>	165	163	169
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### CONTAMINATION

Silicon	ppm	<b>1</b>	5	3	6
Sodium	ppm	<b>&lt;1</b>	0	0	<1
Potassium	ppm	<b>&lt;1</b>	<1	1	10

### 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>13</b>	44	44	84
Copper	ppm	<b>4</b>	2	1	<1
Lead	ppm	<b>0</b>	0	<1	0
Tin	ppm	<b>0</b>	<1	<1	0
Aluminum	ppm	<b>0</b>	1	<1	<1
Chromium	ppm	<b>0</b>	<1	<1	<1
Molybdenum	ppm	<b>11</b>	16	17	16
Nickel	ppm	<b>0</b>	0	<1	<1
Titanium	ppm	<b>&lt;1</b>	0	0	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>196</b>	554	596	480
Magnesium	ppm	<b>82</b>	147	149	134
Zinc	ppm	<b>201</b>	339	339	250
Phosphorus	ppm	<b>550</b>	905	974	902
Barium	ppm	<b>0</b>	<1	0	0
Boron	ppm	<b>83</b>	162	159	174

**Depot:** VOLVO0002  
**Unique No:** 10615317  
**Signed:** Wes Davis  
**Report Date:** 22 Aug 2023



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## VOLVO GRAPHS

