



# CONSTRUCTION EQUIPMENT

## A10813 VOLVO ECR235E 315063 - SWING DRIVE



**Sample No:** VCP430656  
**Oil Type:** MOBIL MOBILUBE HD 80W90  
**Job No:** A10813



### SAMPLE INFORMATION

Sample Number	<b>VCP430656</b>	VCP425995	VCP385688	---
Sample Date	<b>12 Oct 2023</b>	01 Jun 2023	22 Sep 2022	---
Machine Hours	<b>2480</b>	1990	940	---
Oil Hours	<b>500</b>	1000	940	---
Oil Changed	<b>Not Changed</b>	Changed	Changed	---
Sample Status	<b>ATTENTION</b>	ATTENTION	NORMAL	---

**WASTE MANAGEMENT - TELFORD**  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>▲ 313</b>	▲ 323	■ 174	---
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### CONTAMINATION

Silicon	ppm	■ <b>2</b>	■ 5	■ 13	---
Sodium	ppm	■ <b>0</b>	■ 0	■ <1	---
Potassium	ppm	■ <b>&lt;1</b>	■ <1	■ 0	---

### 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 oil viscosity is higher than normal. Confirm oil type.



### WEAR METALS

Iron	ppm	■ <b>23</b>	■ 39	■ 186	---
Copper	ppm	■ <b>1</b>	■ 4	■ 13	---
Lead	ppm	■ <b>0</b>	■ 0	■ 0	---
Tin	ppm	■ <b>0</b>	■ 0	■ 0	---
Aluminum	ppm	■ <b>0</b>	■ 0	■ 1	---
Chromium	ppm	■ <b>0</b>	■ <1	■ 2	---
Molybdenum	ppm	■ <b>0</b>	■ 0	■ <1	---
Nickel	ppm	■ <b>0</b>	■ 0	■ 0	---
Titanium	ppm	■ <b>0</b>	■ 0	■ 0	---
Silver	ppm	■ <b>0</b>	■ 0	■ 0	---
Manganese	ppm	■ <b>&lt;1</b>	■ <1	■ 3	---
Vanadium	ppm	■ <b>0</b>	■ 0	■ 0	---



### ADDITIVES

Calcium	ppm	■ <b>19</b>	■ 9	■ 3	---
Magnesium	ppm	■ <b>0</b>	■ <1	■ 0	---
Zinc	ppm	■ <b>0</b>	■ 6	■ 13	---
Phosphorus	ppm	■ <b>947</b>	■ 368	■ 302	---
Barium	ppm	■ <b>0</b>	■ 2	■ 3	---
Boron	ppm	■ <b>14</b>	■ 20	■ 0	---

**Depot:** WASTEL  
**Unique No:** 10712213  
**Signed:** Don Baldrige  
**Report Date:** 27 Oct 2023



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## GRAPHS

