



# CONSTRUCTION EQUIPMENT

A12466 VOLVO ECR235E 315472 - SWING DRIVE



**Sample No:** VCP440360  
**Oil Type:** MOBIL MOBILUBE HD 80W90  
**Job No:** A12466



## SAMPLE INFORMATION

Sample Number	<b>VCP440360</b>	VCP413668	---	---
Sample Date	<b>15 Apr 2024</b>	15 Aug 2023	---	---
Machine Hours	<b>1005</b>	465	---	---
Oil Hours	<b>500</b>	465	---	---
Oil Changed	<b>Changed</b>	Changed	---	---
Sample Status	<b>NORMAL</b>	NORMAL	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	<b>275</b>	170	---	---
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## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	<b>3</b>	15	---	---
Sodium	ppm	<b>&lt;1</b>	<1	---	---
Potassium	ppm	<b>2</b>	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. Confirm oil type. The condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	<b>31</b>	72	---	---
Copper	ppm	<b>7</b>	24	---	---
Lead	ppm	<b>&lt;1</b>	0	---	---
Tin	ppm	<b>&lt;1</b>	<1	---	---
Aluminum	ppm	<b>&lt;1</b>	2	---	---
Chromium	ppm	<b>&lt;1</b>	1	---	---
Molybdenum	ppm	<b>&lt;1</b>	0	---	---
Nickel	ppm	<b>0</b>	0	---	---
Titanium	ppm	<b>&lt;1</b>	0	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>&lt;1</b>	2	---	---
Vanadium	ppm	<b>&lt;1</b>	0	---	---



## ADDITIVES

Calcium	ppm	<b>219</b>	42	---	---
Magnesium	ppm	<b>6</b>	<1	---	---
Zinc	ppm	<b>111</b>	28	---	---
Phosphorus	ppm	<b>1054</b>	363	---	---
Barium	ppm	<b>0</b>	2	---	---
Boron	ppm	<b>7</b>	<1	---	---

**Depot:** JAAPHI  
**Unique No:** 10991862  
**Signed:** Don Baldrige  
**Report Date:** 24 Apr 2024



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## GRAPHS

