



# CONSTRUCTION EQUIPMENT

4001 SYNERGY VOLVO ECR235 314207 - SWING DRIVE



**Sample No:** VCP455367  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 4001 SYNERGY



## SAMPLE INFORMATION

Sample Number	VCP455367	VCP307042	---	---
Sample Date	09 Feb 2024	09 Mar 2021	---	---
Machine Hours	4205	1241	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

### ALTA EQUIPMENT COMPANY

5210 REESE ROAD  
 DAVIE, FL  
 US 33314

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## OIL CONDITION

Visc @ 40°C	cSt	307	115	---	---
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## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	4	5	---	---
Sodium	ppm	0	1	---	---
Potassium	ppm	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 condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	264	144	---	---
Copper	ppm	7	7	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	4	2	---	---
Molybdenum	ppm	1	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	3	3	---	---
Vanadium	ppm	<1	<1	---	---



## ADDITIVES

Calcium	ppm	53	3	---	---
Magnesium	ppm	2	0	---	---
Zinc	ppm	25	63	---	---
Phosphorus	ppm	914	348	---	---
Barium	ppm	0	0	---	---
Boron	ppm	183	<1	---	---

**Depot:** VOLVO0095  
**Unique No:** 10883411  
**Signed:** Wes Davis  
**Report Date:** 16 Feb 2024



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## GRAPHS

