



# CONSTRUCTION EQUIPMENT

## SWA350844-10 VOLVO EC300E 314225 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP424081  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** SWA350844-10



### SAMPLE INFORMATION

Sample Number	<b>VCP424081</b>	VCP405638	VCP321931	VCP343257
Sample Date	<b>07 Sep 2023</b>	09 Jun 2023	10 Jun 2022	11 Feb 2022
Machine Hours	<b>4869</b>	4288	2242	1600
Oil Hours	<b>0</b>	0	1000	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Changed	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### DENALI WE CARE

400 TORNE RD  
HILLBURN, NY  
US 10931

Contact: Service Manager



### OIL CONDITION

Visc @ 40°C	cSt	<b>288</b>	287	183	183
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T:  
F:



### CONTAMINATION

Silicon	ppm	<b>8</b>	8	6	7
Sodium	ppm	<b>2</b>	0	2	0
Potassium	ppm	<b>4</b>	4	4	6

### 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>180</b>	199	261	342
Copper	ppm	<b>&lt;1</b>	<1	<1	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>2</b>	<1	2	<1
Chromium	ppm	<b>5</b>	6	7	6
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	<1
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>&lt;1</b>	0	<1	<1
Silver	ppm	<b>0</b>	0	<1	0
Manganese	ppm	<b>3</b>	3	6	7
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>20</b>	14	4	41
Magnesium	ppm	<b>0</b>	0	<1	0
Zinc	ppm	<b>0</b>	1	11	21
Phosphorus	ppm	<b>611</b>	886	452	464
Barium	ppm	<b>0</b>	0	6	0
Boron	ppm	<b>64</b>	105	0	3

**Depot:** DENHIL  
**Unique No:** 10655643  
**Signed:** Sean Felton  
**Report Date:** 20 Sep 2023

**VOLVO** GRAPHS

