



# CONSTRUCTION EQUIPMENT

## SWA584249-10 VOLVO EC300E 314225 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP430296  
**Oil Type:** VOLVO SUPER GEAR OIL 75W-80-GO102  
**Job No:** SWA584249-10



### SAMPLE INFORMATION

Sample Number	<b>VCP430296</b>	VCP431680	VCP424081	VCP405638
Sample Date	<b>14 Jun 2024</b>	18 Mar 2024	07 Sep 2023	09 Jun 2023
Machine Hours	<b>6470</b>	5921	4869	4288
Oil Hours	<b>500</b>	1000	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	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>286</b>	244	288	287
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T:  
F:



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>21</b>	20	8	8
Sodium	ppm	<b>2</b>	<1	2	0
Potassium	ppm	<b>13</b>	11	4	4

### 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>368</b>	358	180	199
Copper	ppm	<b>2</b>	2	<1	<1
Lead	ppm	<b>&lt;1</b>	<1	0	0
Tin	ppm	<b>&lt;1</b>	<1	0	0
Aluminum	ppm	<b>4</b>	3	2	<1
Chromium	ppm	<b>12</b>	12	5	6
Molybdenum	ppm	<b>2</b>	2	<1	<1
Nickel	ppm	<b>1</b>	1	0	0
Titanium	ppm	<b>1</b>	1	<1	0
Silver	ppm	<b>&lt;1</b>	0	0	0
Manganese	ppm	<b>6</b>	6	3	3
Vanadium	ppm	<b>&lt;1</b>	<1	<1	0



### ADDITIVES

Calcium	ppm	<b>17</b>	305	20	14
Magnesium	ppm	<b>2</b>	2	0	0
Zinc	ppm	<b>23</b>	138	0	1
Phosphorus	ppm	<b>965</b>	1075	611	886
Barium	ppm	<b>5</b>	5	0	0
Boron	ppm	<b>81</b>	118	64	105

**Depot:** DENHIL  
**Unique No:** 11096787  
**Signed:** Sean Felton  
**Report Date:** 26 Jun 2024



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## VOLVO GRAPHS

