



CONSTRUCTION EQUIPMENT

SWO-072114 APAC VOLVO EC480E 314549 - REAR RIGHT FINAL DRIVE



Sample No: VCP454598
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO-072114 APAC



SAMPLE INFORMATION

Sample Number	VCP454598	VCP435545	---	---
Sample Date	22 May 2024	08 Dec 2023	---	---
Machine Hours	4555	4060	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	271	265	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	11	11	---	---
Sodium	ppm	2	0	---	---
Potassium	ppm	1	1	---	---

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	469	985	---	---
Copper	ppm	<1	1	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	1	1	---	---
Chromium	ppm	2	4	---	---
Molybdenum	ppm	8	2	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	5	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	127	107	---	---
Magnesium	ppm	47	22	---	---
Zinc	ppm	117	77	---	---
Phosphorus	ppm	919	893	---	---
Barium	ppm	0	0	---	---
Boron	ppm	126	97	---	---

Depot: COWOXF
Unique No: 11047537
Signed: Wes Davis
Report Date: 28 May 2024



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GRAPHS

