



CONSTRUCTION EQUIPMENT

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



Sample No: VCP455402
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO-072114 APAC



SAMPLE INFORMATION

Sample Number	VCP455402	VCP414709	---	---
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	---	---

COWIN EQUIPMENT COMPANY INC
 1501 HWY 78 EAST
 OXFORD, AL
 US 36203
 Contact: MIKE PATTY
 mpatty@cowin.com
 T: (256)832-5053
 F: (256)831-4295



OIL CONDITION

Visc @ 40°C	cSt	262	250	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	9	11	---	---
Sodium	ppm	1	0	---	---
Potassium	ppm	1	2	---	---

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	353	799	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	1	1	---	---
Chromium	ppm	2	5	---	---
Molybdenum	ppm	9	2	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	131	79	---	---
Magnesium	ppm	50	19	---	---
Zinc	ppm	120	66	---	---
Phosphorus	ppm	889	838	---	---
Barium	ppm	0	0	---	---
Boron	ppm	126	81	---	---

Depot: COWOXF
Unique No: 11047538
Signed: Wes Davis
Report Date: 28 May 2024



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GRAPHS

