



CONSTRUCTION EQUIPMENT

SWO-068096 APAC VOLVO EC480E 314549 - RIGHT SWING DRIVE



Sample No: VCP414654
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO-068096 APAC



SAMPLE INFORMATION

Sample Number	VCP414654	---	---	---
Sample Date	08 Dec 2023	---	---	---
Machine Hours	4060	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	MARGINAL	---	---	---

COWIN EQUIPMENT COMPANY INC

1501 HWY 78 EAST
 OXFORD, AL
 US 36203

Contact: STEVE CAMPBELL
 stcampbell@cowin.com
 T: (256)832-5053
 F: (256)831-4295



OIL CONDITION

Visc @ 40°C	cSt	█ 314	---	---	---
-------------	-----	-------	-----	-----	-----



CONTAMINATION

Water	%	▲ 0.395	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 32	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 73	---	---	---
Magnesium	ppm	█ 23	---	---	---
Zinc	ppm	█ 73	---	---	---
Phosphorus	ppm	█ 1013	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 118	---	---	---

Depot: COWOXF
Unique No: 10788997
Signed: Don Baldrige
Report Date: 17 Dec 2023



CONSTRUCTION EQUIPMENT



GRAPHS

