



CONSTRUCTION EQUIPMENT

SWO-072798 APAC AL WEILER 2850A 1533 - REAR RIGHT FINAL DRIVE



Sample No: VCP443984
Oil Type: GEAR OIL SAE 90W140
Job No: SWO-072798 APAC AL



SAMPLE INFORMATION

Sample Number	VCP443984	---	---	---
Sample Date	11 Jun 2024	---	---	---
Machine Hours	4072	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

COWIN EQUIPMENT COMPANY

2238 PINSON VALLEY PARKWAY
BIRMINGHAM, AL
US 35217
Contact: BRANTLY CLAY
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T:
F: (205)856-2106



OIL CONDITION

Visc @ 40°C	cSt	■ 308	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 1	---	---	---



WEAR METALS

Iron	ppm	■ 174	---	---	---
Copper	ppm	■ 41	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 40	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 42	---	---	---
Phosphorus	ppm	761	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 32	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 90W140. Please confirm.
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.

Depot: VOLVO8528
Unique No: 11085016
Signed: Wes Davis
Report Date: 19 Jun 2024



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GRAPHS

