



CONSTRUCTION EQUIPMENT

SPM728723 CIMO VOLVO EC350EL 314454 - REAR RIGHT FINAL DRIVE



Sample No: VCP444412
Oil Type: GEAR OIL SAE 80W90
Job No: SPM728723 CIMO



SAMPLE INFORMATION

Sample Number	VCP444412	VCP423337	---	---
Sample Date	16 Jun 2024	03 Aug 2023	---	---
Machine Hours	2089	991	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
GARY, IN
US 46406
Contact: DAVE ENG
DAVE.ENG@ALTG.COM
T: (312)350-2560
F:



OIL CONDITION

Visc @ 40°C	cSt	█ 143	█ 173	---	---
-------------	-----	-------	-------	-----	-----



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 30	█ 11	---	---
Sodium	ppm	█ 2	█ 0	---	---
Potassium	ppm	█ 3	█ 1	---	---

Diagnosis

No corrective action is recommended at this time. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. The chromium level is abnormal. All other 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	█ 260	█ 180	---	---
Copper	ppm	█ <1	█ <1	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 5	█ 2	---	---
Chromium	ppm	▲ 13	█ 6	---	---
Molybdenum	ppm	█ 2	█ <1	---	---
Nickel	ppm	█ <1	█ <1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 4	█ 3	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	█ 66	█ 14	---	---
Magnesium	ppm	█ 21	█ 3	---	---
Zinc	ppm	█ 17	█ 10	---	---
Phosphorus	ppm	█ 497	█ 324	---	---
Barium	ppm	█ <1	█ 4	---	---
Boron	ppm	█ 4	█ 0	---	---

Depot: VOLVO8885
Unique No: 11090004
Signed: Sean Felton
Report Date: 24 Jun 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

