



CONSTRUCTION EQUIPMENT

SPM549962 VOLVO L220H 3382 - REAR RIGHT FINAL DRIVE



Sample No: VCP452796
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SPM549962



SAMPLE INFORMATION

Sample Number	VCP452796	---	---	---
Sample Date	11 May 2024	---	---	---
Machine Hours	6129	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

COVANTA
 350 FLAKENBURG ROAD
 TAMPA, FL
 US 33619
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	█ 43.5	---	---	---
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T: (813)684-5688
 F:



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 14	---	---	---
Sodium	ppm	█ 11	---	---	---
Potassium	ppm	█ 2	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. 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	▲ 567	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 7	---	---	---
Molybdenum	ppm	38	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 13	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 3959	---	---	---
Magnesium	ppm	█ 7	---	---	---
Zinc	ppm	█ 1571	---	---	---
Phosphorus	ppm	█ 1390	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 138	---	---	---

Depot: COVTAM
Unique No: 11036017
Signed: Sean Felton
Report Date: 22 May 2024



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GRAPHS

