



CONSTRUCTION EQUIPMENT

567901 VOLVO L110H 632273 - REAR AXLE



Sample No: VCP407840
Oil Type: VOLVO WB 102
Job No: 567901



SAMPLE INFORMATION

Sample Number	VCP407840	VCP386650	---	---
Sample Date	28 Jun 2023	29 Nov 2022	---	---
Machine Hours	2095	1001	---	---
Oil Hours	2095	1000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: ROBERT TURNER
rturner@ripatampa.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	█ 40.5	█ 40.5	---	---
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CONTAMINATION

Silicon	ppm	█ 22	█ 18	---	---
Sodium	ppm	█ 9	█ 12	---	---
Potassium	ppm	█ <1	█ 0	---	---

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	█ 206	█ 320	---	---
Copper	ppm	█ 0	█ 2	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 1	█ 2	---	---
Chromium	ppm	█ 6	█ 8	---	---
Molybdenum	ppm	█ 12	█ 11	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 13	█ 13	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 4162	█ 4236	---	---
Magnesium	ppm	█ 14	█ 13	---	---
Zinc	ppm	█ 1745	█ 1615	---	---
Phosphorus	ppm	█ 1401	█ 1326	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 149	█ 144	---	---

Depot: RIPTAM
Unique No: 10574671
Signed: Wes Davis
Report Date: 27 Jul 2023



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GRAPHS

