



CONSTRUCTION EQUIPMENT

10225 VOLVO L90H 625233 - REAR AXLE



Sample No: VCP435511
Oil Type: VOLVO WB 102
Job No: 10225



SAMPLE INFORMATION

Sample Number	VCP435511	VCP349774	VCP307787	---
Sample Date	17 Jan 2024	14 Jan 2022	12 May 2021	---
Machine Hours	3932	2030	1023	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

RECYCLE 1

4700 LAWRENCE ST
 HYATTSVILLE, MD
 US 20781

Contact: MIKE DESJARDINS
 mdesjarkins@wbwaste.com

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OIL CONDITION

Visc @ 40°C	cSt	47.5	43.97	39.6	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	17	12	9	---
Sodium	ppm	2	9	9	---
Potassium	ppm	2	0	2	---

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	52	27	28	---
Copper	ppm	23	5	20	---
Lead	ppm	<1	<1	<1	---
Tin	ppm	3	<1	2	---
Aluminum	ppm	1	1	<1	---
Chromium	ppm	2	1	2	---
Molybdenum	ppm	11	5	3	---
Nickel	ppm	<1	0	<1	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	2	2	5	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	3731	3701	3999	---
Magnesium	ppm	147	57	12	---
Zinc	ppm	1646	1549	1642	---
Phosphorus	ppm	1300	1195	1326	---
Barium	ppm	0	0	0	---
Boron	ppm	137	121	121	---

Depot: RECHYA
Unique No: 10845878
Signed: Wes Davis
Report Date: 24 Jan 2024



CONSTRUCTION EQUIPMENT



GRAPHS

