



CONSTRUCTION EQUIPMENT

SWA546858 VOLVO L110H 631563 - REAR AXLE



Sample No: VCP351558
Oil Type: VOLVO WB 102
Job No: SWA546858



SAMPLE INFORMATION

Sample Number	VCP351558	VCP431406	---	---
Sample Date	26 Apr 2024	13 Nov 2023	---	---
Machine Hours	11050	10231	---	---
Oil Hours	0	2231	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

ALTA EQUIPMENT COMPANY - METRO WEST
 56195 PONTIAC TRAIL
 NEW HUDSON, MI
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OIL CONDITION

Visc @ 40°C	cSt	41.3	42.8	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	12	15	---	---
Sodium	ppm	<1	9	---	---
Potassium	ppm	2	<1	---	---

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	51	502	---	---
Copper	ppm	<1	1	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	<1	6	---	---
Molybdenum	ppm	<1	3	---	---
Nickel	ppm	0	3	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	6	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	2893	3348	---	---
Magnesium	ppm	10	40	---	---
Zinc	ppm	1340	1402	---	---
Phosphorus	ppm	1146	1206	---	---
Barium	ppm	0	0	---	---
Boron	ppm	14	108	---	---

Depot: VOLVO2990
Unique No: 11006746
Signed: Wes Davis
Report Date: 02 May 2024



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GRAPHS

