



CONSTRUCTION EQUIPMENT

621676 HERCULES VOLVO L110H 631563 - REAR AXLE



Sample No: VCP431406
Oil Type: VOLVO WB 102
Job No: 621676 HERCULES



SAMPLE INFORMATION

Sample Number	VCP431406	---	---	---
Sample Date	13 Nov 2023	---	---	---
Machine Hours	10231	---	---	---
Oil Hours	2231	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY - METRO WEST
56195 PONTIAC TRAIL
NEW HUDSON, MI
US 48165
Contact: PAUL CONZ
paul.conz@altg.com
T:
F: (248)356-2029



OIL CONDITION

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

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

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



ADDITIVES

Calcium	ppm	█ 3348	---	---	---
Magnesium	ppm	█ 40	---	---	---
Zinc	ppm	█ 1402	---	---	---
Phosphorus	ppm	█ 1206	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 108	---	---	---

Depot: VOLVO2990
Unique No: 10765259
Signed: Don Baldrige
Report Date: 03 Dec 2023



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GRAPHS

