



CONSTRUCTION EQUIPMENT

13918 AMERICAN HW VOLVO L60H 622453 - REAR AXLE



Sample No: VCP411808
Oil Type: VOLVO WB 102
Job No: 13918 AMERICAN HW



SAMPLE INFORMATION

Sample Number	VCP411808	VCP375950	VCP312875	---
Sample Date	04 Dec 2023	11 Jul 2022	12 Nov 2021	---
Machine Hours	7950	4133	2289	---
Oil Hours	2000	2000	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND
 1345 MOUNTAIN ROAD
 GLEN ALLEN, VA
 US 23060
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OIL CONDITION

Visc @ 40°C	cSt	42.3	42.5	40.3	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	12	17	13	---
Sodium	ppm	10	9	10	---
Potassium	ppm	0	0	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	57	62	137	---
Copper	ppm	2	4	2	---
Lead	ppm	0	<1	0	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	<1	2	1	---
Chromium	ppm	1	2	4	---
Molybdenum	ppm	0	1	3	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	3	10	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3787	3117	4015	---
Magnesium	ppm	17	17	11	---
Zinc	ppm	1618	1382	1448	---
Phosphorus	ppm	1337	1246	1325	---
Barium	ppm	0	0	0	---
Boron	ppm	124	132	154	---

Depot: VOLVO8882
Unique No: 10779525
Signed: Wes Davis
Report Date: 11 Dec 2023



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GRAPHS

