



CONSTRUCTION EQUIPMENT

10023 VOLVO L220H 3434 - FRONT AXLE



Sample No: VCP398598
Oil Type: VOLVO WB 102
Job No: 10023



SAMPLE INFORMATION

Sample Number	VCP398598	VCP416666	VCP399932	---
Sample Date	12 Dec 2023	18 May 2023	10 Jan 2023	---
Machine Hours	4298	2358	1060	---
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	41.6	43.1	40.9	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	14	16	12	---
Sodium	ppm	1	2	9	---
Potassium	ppm	0	0	<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	43	61	105	---
Copper	ppm	<1	0	<1	---
Lead	ppm	<1	0	<1	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	<1	0	1	---
Chromium	ppm	<1	2	3	---
Molybdenum	ppm	<1	1	3	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	2	3	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3402	3800	4051	---
Magnesium	ppm	15	34	13	---
Zinc	ppm	1491	1384	1499	---
Phosphorus	ppm	1268	1191	1186	---
Barium	ppm	0	11	0	---
Boron	ppm	54	136	129	---

Depot: RECHYA
Unique No: 10791571
Signed: Wes Davis
Report Date: 18 Dec 2023



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GRAPHS

