



CONSTRUCTION EQUIPMENT

10023 VOLVO L220H 3434 - REAR AXLE



Sample No: VCP422155
Oil Type: VOLVO WB 102
Job No: 10023



SAMPLE INFORMATION

Sample Number	VCP422155	VCP416668	VCP386405	---
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
 T:
 F:

OIL CONDITION

Visc @ 40°C	cSt	41.4	43.1	40.6	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	14	17	13	---
Sodium	ppm	<1	2	9	---
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	113	161	436	---
Copper	ppm	<1	0	<1	---
Lead	ppm	<1	0	<1	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	<1	0	2	---
Chromium	ppm	1	2	6	---
Molybdenum	ppm	21	17	14	---
Nickel	ppm	0	0	1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	3	8	---
Vanadium	ppm	<1	<1	<1	---

ADDITIVES

Calcium	ppm	3374	3752	4088	---
Magnesium	ppm	12	36	15	---
Zinc	ppm	1487	1397	1522	---
Phosphorus	ppm	1302	1203	1197	---
Barium	ppm	0	11	0	---
Boron	ppm	47	139	128	---

Depot: RECHYA
Unique No: 10791572
Signed: Don Baldrige
Report Date: 19 Dec 2023



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GRAPHS

