



CONSTRUCTION EQUIPMENT

A11314 VOLVO L220H 3380 - REAR AXLE



Sample No: VCP430836
Oil Type: MOBIL WB 102
Job No: A11314



SAMPLE INFORMATION

Sample Number	VCP430836	VCP407489	VCP348723	---
Sample Date	17 Oct 2023	08 May 2023	15 Sep 2022	---
Machine Hours	4025	2470	1162	---
Oil Hours	2000	1000	0	---
Oil Changed	Changed	Not Changd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	45.9	44.2	40.8	---
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CONTAMINATION

Silicon	ppm	16	17	12	---
Sodium	ppm	6	6	8	---
Potassium	ppm	<1	<1	0	---



WEAR METALS

Iron	ppm	385	141	303	---
Copper	ppm	0	0	<1	---
Lead	ppm	<1	<1	<1	---
Tin	ppm	<1	<1	<1	---
Aluminum	ppm	2	4	2	---
Chromium	ppm	5	2	4	---
Molybdenum	ppm	37	7	6	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	8	4	9	---
Vanadium	ppm	<1	<1	<1	---



ADDITIVES

Calcium	ppm	3767	3764	3776	---
Magnesium	ppm	23	22	11	---
Zinc	ppm	1595	1604	1508	---
Phosphorus	ppm	1259	1289	1229	---
Barium	ppm	0	0	0	---
Boron	ppm	123	125	146	---

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.

Depot: COVBAI
Unique No: 10712216
Signed: Wes Davis
Report Date: 26 Oct 2023



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GRAPHS

