



CONSTRUCTION EQUIPMENT

A11314 VOLVO L220H 3380 - FRONT AXLE



Sample No: VCP430839
Oil Type: MOBIL WB 102
Job No: A11314



SAMPLE INFORMATION

Sample Number	VCP430839	VCP400626	---	---
Sample Date	17 Oct 2023	08 May 2023	---	---
Machine Hours	4025	2470	---	---
Oil Hours	2000	1000	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	44.6	40.6	---	---
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CONTAMINATION

Silicon	ppm	14	12	---	---
Sodium	ppm	10	9	---	---
Potassium	ppm	2	3	---	---



WEAR METALS

Iron	ppm	162	98	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	<1	0	---	---
Chromium	ppm	3	2	---	---
Molybdenum	ppm	2	2	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	5	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3727	3857	---	---
Magnesium	ppm	11	9	---	---
Zinc	ppm	1591	1610	---	---
Phosphorus	ppm	1274	1310	---	---
Barium	ppm	0	0	---	---
Boron	ppm	125	120	---	---

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: 10712211
Signed: Wes Davis
Report Date: 26 Oct 2023



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GRAPHS

