



# CONSTRUCTION EQUIPMENT

660738 DIPRO VOLVO L220H 3352 - FRONT AXLE



**Sample No:** VCP452288  
**Oil Type:** VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102  
**Job No:** 660738 DIPRO



**ALTA EQUIPMENT COMPANY - METRO WEST**  
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## SAMPLE INFORMATION

Sample Number	<b>VCP452288</b>	VCP411898	VCP421774	---
Sample Date	<b>24 Jan 2024</b>	14 Aug 2023	21 Mar 2023	---
Machine Hours	<b>8210</b>	6368	4140	---
Oil Hours	<b>4210</b>	2000	4140	---
Oil Changed	<b>Changed</b>	Not Changd	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---



## OIL CONDITION

Visc @ 40°C	cSt	<b>40.6</b>	41.1	40.5	---
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## CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<b>10</b>	9	15	---
Sodium	ppm	<b>0</b>	0	9	---
Potassium	ppm	<b>2</b>	2	1	---



## WEAR METALS

Iron	ppm	<b>80</b>	45	171	---
Copper	ppm	<b>4</b>	2	7	---
Lead	ppm	<b>0</b>	<1	0	---
Tin	ppm	<b>0</b>	0	<1	---
Aluminum	ppm	<b>2</b>	<1	1	---
Chromium	ppm	<b>&lt;1</b>	<1	4	---
Molybdenum	ppm	<b>0</b>	<1	3	---
Nickel	ppm	<b>0</b>	<1	<1	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>&lt;1</b>	1	6	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>3039</b>	3023	3707	---
Magnesium	ppm	<b>9</b>	9	13	---
Zinc	ppm	<b>1470</b>	1366	1585	---
Phosphorus	ppm	<b>1037</b>	1198	1314	---
Barium	ppm	<b>5</b>	0	0	---
Boron	ppm	<b>22</b>	21	137	---

## 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:** VOLVO2990  
**Unique No:** 10863744  
**Signed:** Wes Davis  
**Report Date:** 07 Feb 2024



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## GRAPHS

