



CONSTRUCTION EQUIPMENT

660738 DIPRO VOLVO L220H 3352 - REAR AXLE



Sample No: VCP452289
Oil Type: VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102
Job No: 660738 DIPRO



SAMPLE INFORMATION

Sample Number	VCP452289	VCP411899	VCP421775	---
Sample Date	24 Jan 2024	14 Aug 2023	21 Mar 2023	---
Machine Hours	8210	6368	4140	---
Oil Hours	4210	2000	4140	---
Oil Changed	Changed	Not Changd	Changed	---
Sample Status	ABNORMAL	NORMAL	NORMAL	---

ALTA EQUIPMENT COMPANY - METRO WEST
56195 PONTIAC TRAIL
NEW HUDSON, MI
US 48165
Contact: PAUL ELZERMAN
paul.elzerman@altaequipment.com
T: (248)356-5200
F: (248)356-2029



OIL CONDITION

Visc @ 40°C	cSt	40.5	40.8	42.2	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	11	12	18	---
Sodium	ppm	0	0	10	---
Potassium	ppm	2	2	2	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	80	55	92	---
Copper	ppm	4	2	5	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	2	2	2	---
Chromium	ppm	<1	<1	3	---
Molybdenum	ppm	<1	1	5	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	1	1	6	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3055	3026	4027	---
Magnesium	ppm	10	11	16	---
Zinc	ppm	1437	1368	1687	---
Phosphorus	ppm	1046	1209	1388	---
Barium	ppm	5	0	0	---
Boron	ppm	24	26	146	---

Depot: VOLVO2990
Unique No: 10863745
Signed: Jonathan Hester
Report Date: 08 Feb 2024



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GRAPHS

