



CONSTRUCTION EQUIPMENT

594089 DIPRO VOLVO L220H 3352 - FRONT AXLE



Sample No: VCP411898
Oil Type: VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102
Job No: 594089 DIPRO



SAMPLE INFORMATION

Sample Number	VCP411898	VCP421774	---	---
Sample Date	14 Aug 2023	21 Mar 2023	---	---
Machine Hours	6368	4140	---	---
Oil Hours	2000	4140	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

ALTA EQUIPMENT COMPANY - METRO WEST
56195 PONTIAC TRAIL
NEW HUDSON, MI
US 48165
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OIL CONDITION

Visc @ 40°C	cSt	41.1	40.5	---	---
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CONTAMINATION

Silicon	ppm	9	15	---	---
Sodium	ppm	0	9	---	---
Potassium	ppm	2	1	---	---

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	45	171	---	---
Copper	ppm	2	7	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	1	---	---
Chromium	ppm	<1	4	---	---
Molybdenum	ppm	<1	3	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	6	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3023	3707	---	---
Magnesium	ppm	9	13	---	---
Zinc	ppm	1366	1585	---	---
Phosphorus	ppm	1198	1314	---	---
Barium	ppm	0	0	---	---
Boron	ppm	21	137	---	---

Depot: VOLVO2990
Unique No: 10616968
Signed: Don Baldrige
Report Date: 24 Aug 2023



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GRAPHS

