



CONSTRUCTION EQUIPMENT

686740 GERDAU VOLVO L350H 1221 - TRANSMISSION (MANUAL)



Sample No: VCP445305
Oil Type: VOLVO AT 102
Job No: 686740 GERDAU



SAMPLE INFORMATION

Sample Number	VCP445305	VCP431349	VCP407139	---
Sample Date	07 Mar 2024	22 Sep 2023	07 Jun 2023	---
Machine Hours	8902	6073	4286	---
Oil Hours	1000	1000	1000	---
Oil Changed	Changed	Changed	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---

ALTA EQUIPMENT COMPANY - METRO WEST
 56195 PONTIAC TRAIL
 NEW HUDSON, MI
 US 48165
 Contact: PAUL CONZ
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 T: (313)348-8861
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OIL CONDITION

Visc @ 40°C	cSt	81.8	99.9	87.9	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	6	12	15	---
Sodium	ppm	<1	0	3	---
Potassium	ppm	1	1	0	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. Confirm oil type. The condition of the fluid is acceptable for the time in service.

WEAR METALS

Iron	ppm	10	8	7	---
Copper	ppm	24	27	42	---
Lead	ppm	<1	<1	<1	---
Tin	ppm	1	<1	<1	---
Aluminum	ppm	2	2	<1	---
Chromium	ppm	<1	<1	0	---
Molybdenum	ppm	<1	0	0	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	<1	0	0	---

ADDITIVES

Calcium	ppm	2310	3043	3067	---
Magnesium	ppm	7	8	8	---
Zinc	ppm	967	1257	1279	---
Phosphorus	ppm	746	1065	1022	---
Barium	ppm	0	0	0	---
Boron	ppm	<1	0	2	---

Depot: VOLVO2990
Unique No: 10938260
Signed: Don Baldrige
Report Date: 23 Mar 2024



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GRAPHS

