



CONSTRUCTION EQUIPMENT

JOHNSONS AUTO RECY VOLVO L90H 625867 - TRANSMISSION (AUTO)



Sample No: VCP416389
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: JOHNSONS AUTO RECY



160 - ASCENDUM MACHINERY INC - MILLS RIVER
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SAMPLE INFORMATION

Sample Number	VCP416389	VCP311869	---	---
Sample Date	08 Aug 2023	20 Jul 2022	---	---
Machine Hours	4101	2026	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 26.6	█ 27.8	---	---
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CONTAMINATION

Silicon	ppm	█ 5	█ 10	---	---
Sodium	ppm	█ 4	█ 1	---	---
Potassium	ppm	█ 1	█ 2	---	---



WEAR METALS

Iron	ppm	█ 99	▲ 148	---	---
Copper	ppm	█ 5	█ 8	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ <1	█ 1	---	---
Chromium	ppm	█ 0	<1	---	---
Molybdenum	ppm	█ 0	<1	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	█ 0	0	---	---
Manganese	ppm	█ 4	8	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	█ 98	87	---	---
Magnesium	ppm	█ 0	2	---	---
Zinc	ppm	█ 23	34	---	---
Phosphorus	ppm	█ 176	221	---	---
Barium	ppm	█ 0	0	---	---
Boron	ppm	█ 70	71	---	---

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. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO1672
Unique No: 10601819
Signed: Wes Davis
Report Date: 11 Aug 2023



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GRAPHS

