



CONSTRUCTION EQUIPMENT

21 VOLVO L90H 25852 - TRANSMISSION (AUTO)



Sample No: VCP452147
Oil Type: VOLVO AT 102
Job No: 21



SAMPLE INFORMATION

Sample Number	VCP452147	VCP324265	VCP351311	---
Sample Date	26 Jan 2024	15 Mar 2023	20 May 2022	---
Machine Hours	12488	8048	4000	---
Oil Hours	4000	4000	4000	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

PLEASANT RIVER LUMBER

PO BOX 68
 DOVER FOXCROFT, ME
 US 04426
 Contact: BURLEY HIGGINS
 burley@pleasantriverlumber.com
 T:
 F: (207)564-8259



OIL CONDITION

Visc @ 40°C	cSt	26.2	26.5	27.6	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	4	10	---
Sodium	ppm	4	5	4	---
Potassium	ppm	0	2	3	---

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.



WEAR METALS

Iron	ppm	42	61	121	---
Copper	ppm	6	8	11	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	0	2	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	4	9	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	92	78	114	---
Magnesium	ppm	<1	0	2	---
Zinc	ppm	9	9	48	---
Phosphorus	ppm	163	168	201	---
Barium	ppm	0	0	0	---
Boron	ppm	70	62	66	---

Depot: PLEDOV
Unique No: 10873907
Signed: Wes Davis
Report Date: 13 Feb 2024



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GRAPHS

