



CONSTRUCTION EQUIPMENT

S50601798 IAA BAY PT VOLVO L90H 624600 - TRANSMISSION (AUTO)



Sample No: VCP340922
Oil Type: VOLVO AT 102
Job No: S50601798 IAA BAY PT



SAMPLE INFORMATION

Sample Number	VCP340922	VCP341734	VCP295807	---
Sample Date	16 Feb 2024	09 Jan 2023	06 Oct 2021	---
Machine Hours	9504	7523	5204	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

VCES- VOLVO CONSTRUCTION EQUIPMENT

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OIL CONDITION

Visc @ 40°C	cSt	27.4	26.6	26.0	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	5	8	---
Sodium	ppm	0	3	4	---
Potassium	ppm	2	0	<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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	16	24	41	---
Copper	ppm	2	4	5	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	1	1	<1	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	<1	<1	<1	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	2	4	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	79	77	105	---
Magnesium	ppm	2	0	<1	---
Zinc	ppm	18	0	28	---
Phosphorus	ppm	139	173	167	---
Barium	ppm	0	0	1	---
Boron	ppm	86	69	65	---

Depot: VOLVO4487
Unique No: 10896274
Signed: Wes Davis
Report Date: 23 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

