



CONSTRUCTION EQUIPMENT

D12864 WM VOLVO L120H 632883 - TRANSMISSION (AUTO)



Sample No: VCP414073
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: D12864 WM



SAMPLE INFORMATION

Sample Number	VCP414073	VCP05746725	VCP360507	---
Sample Date	05 Oct 2023	17 Jan 2023	14 Oct 2022	---
Machine Hours	6027	4350	3666	---
Oil Hours	1673	4350	3666	---
Oil Changed	N/A	Changed	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

ARING EQUIPMENT COMPANY INC - MAIN (MILWAUKEE)
 13001 W SILVERE SPRING DR
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OIL CONDITION

Visc @ 40°C	cSt	27.7	27.1	27.1	---
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CONTAMINATION

Silicon	ppm	4	11	11	---
Sodium	ppm	3	5	3	---
Potassium	ppm	2	0	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. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	16	60	59	---
Copper	ppm	5	13	11	---
Lead	ppm	<1	0	0	---
Tin	ppm	<1	0	<1	---
Aluminum	ppm	4	8	8	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	5	5	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	78	77	86	---
Magnesium	ppm	0	4	2	---
Zinc	ppm	4	39	22	---
Phosphorus	ppm	184	219	188	---
Barium	ppm	0	16	2	---
Boron	ppm	78	64	65	---

Depot: VOLVO0069
Unique No: 10698816
Signed: Wes Davis
Report Date: 18 Oct 2023



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GRAPHS

