



CONSTRUCTION EQUIPMENT

SPM675539 WM ROSCOE VOLVO L120H 633423 - TRANSMISSION (AUTO)



Sample No: VCP444289
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SPM675539 WM ROSCOE



SAMPLE INFORMATION

Sample Number	VCP444289	VCP433806	VCP433676	---
Sample Date	11 Mar 2024	24 Jan 2024	13 Nov 2023	---
Machine Hours	1511	1218	989	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

ALTA CONSTRUCTION EQUIPMENT
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T:
F:



OIL CONDITION

Visc @ 40°C	cSt	31.5	28.7	28.8	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	6	7	8	---
Sodium	ppm	2	3	0	---
Potassium	ppm	<1	0	2	---

Diagnosis

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



WEAR METALS

Iron	ppm	23	21	26	---
Copper	ppm	6	4	5	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	1	1	1	---
Chromium	ppm	0	<1	0	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	4	4	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	68	72	74	---
Magnesium	ppm	0	1	2	---
Zinc	ppm	8	5	3	---
Phosphorus	ppm	157	189	175	---
Barium	ppm	2	2	0	---
Boron	ppm	78	93	97	---

Depot: VOLVO5055
Unique No: 10930055
Signed: Don Baldrige
Report Date: 20 Mar 2024



CONSTRUCTION EQUIPMENT



GRAPHS

