



# CONSTRUCTION EQUIPMENT

SPM689359 RENTAL VOLVO L120H 632941 - TRANSMISSION (AUTO)



**Sample No:** VCP437377  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** SPM689359 RENTAL



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## SAMPLE INFORMATION

Sample Number	VCP437377	VCP423192	VCP423169	VCP366909
Sample Date	04 Apr 2024	21 Jun 2023	21 Jun 2023	14 Sep 2022
Machine Hours	3974	2611	2611	2013
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



## OIL CONDITION

Visc @ 40°C	cSt	32.0	28.7	30.6	30.9
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	4	4	11
Sodium	ppm	3	3	3	4
Potassium	ppm	2	0	0	0



## WEAR METALS

Iron	ppm	34	39	21	43
Copper	ppm	17	5	5	9
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	4	<1	3	5
Chromium	ppm	<1	<1	0	0
Molybdenum	ppm	3	1	2	<1
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	2	1	4
Vanadium	ppm	0	0	0	<1



## ADDITIVES

Calcium	ppm	268	77	203	368
Magnesium	ppm	33	17	28	<1
Zinc	ppm	107	37	101	119
Phosphorus	ppm	282	187	238	283
Barium	ppm	0	2	<1	0
Boron	ppm	91	84	93	79

## Diagnosis

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

**Depot:** VOLVO8885  
**Unique No:** 10977921  
**Signed:** Don Baldrige  
**Report Date:** 16 Apr 2024



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## VOLVO GRAPHS

