



CONSTRUCTION EQUIPMENT

A10551 VOLVO L110H 632445 - TRANSMISSION (AUTO)



Sample No: VCP411866
Oil Type: MOBIL ATF
Job No: A10551



SAMPLE INFORMATION

Sample Number	VCP411866	VCP406487	---	---
Sample Date	31 Jul 2023	04 Apr 2023	---	---
Machine Hours	2035	1240	---	---
Oil Hours	2035	1240	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

HMR ASSOCIATES

PO BOX 485
TOUGHKENAMON, PA
US 19374
Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	28.1	28.3	---	---
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T:
F: (610)268-2225



CONTAMINATION

Silicon	ppm	9	8	---	---
Sodium	ppm	3	2	---	---
Potassium	ppm	1	<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	45	36	---	---
Copper	ppm	6	4	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	5	4	---	---
Vanadium	ppm	<1	<1	---	---



ADDITIVES

Calcium	ppm	72	64	---	---
Magnesium	ppm	0	0	---	---
Zinc	ppm	14	10	---	---
Phosphorus	ppm	182	186	---	---
Barium	ppm	0	0	---	---
Boron	ppm	73	66	---	---

Depot: HMRTOU
Unique No: 10601826
Signed: Don Baldrige
Report Date: 12 Aug 2023



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GRAPHS

