



CONSTRUCTION EQUIPMENT

A10727 VOLVO L110H 632378 - TRANSMISSION (AUTO)



Sample No: VCP414305
Oil Type: MOBIL ATF
Job No: A10727



SAMPLE INFORMATION

Sample Number	VCP414305	VCP378621	---	---
Sample Date	31 Jul 2023	17 Jan 2023	---	---
Machine Hours	1895	955	---	---
Oil Hours	1895	955	---	---
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	28.3	28.4	---	---
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T:
F: (610)268-2225



CONTAMINATION

Silicon	ppm	10	11	---	---
Sodium	ppm	4	4	---	---
Potassium	ppm	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	57	50	---	---
Copper	ppm	9	8	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	3	2	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	5	5	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	91	87	---	---
Magnesium	ppm	0	5	---	---
Zinc	ppm	23	46	---	---
Phosphorus	ppm	206	248	---	---
Barium	ppm	0	17	---	---
Boron	ppm	79	77	---	---

Depot: HMRTOU
Unique No: 10601824
Signed: Don Baldrige
Report Date: 12 Aug 2023



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GRAPHS

