



CONSTRUCTION EQUIPMENT

A11171 VOLVO L110H 632556 - TRANSMISSION (AUTO)



Sample No: VCP412838
Oil Type: MOBIL AT 102
Job No: A11171



SAMPLE INFORMATION

Sample Number	VCP412838	---	---	---
Sample Date	05 Oct 2023	---	---	---
Machine Hours	1195	---	---	---
Oil Hours	1195	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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



OIL CONDITION

Visc @ 40°C	cSt	█ 46.0	---	---	---
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T:
 F: (610)268-2225



CONTAMINATION

Silicon	ppm	█ 9	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 2	---	---	---

Diagnosis
 Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 33	---	---	---
Copper	ppm	█ 7	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	74	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	18	---	---	---
Phosphorus	ppm	177	---	---	---
Barium	ppm	6	---	---	---
Boron	ppm	74	---	---	---

Depot: HMRTOU
Unique No: 10689419
Signed: Don Baldrige
Report Date: 16 Oct 2023



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GRAPHS

