



CONSTRUCTION EQUIPMENT

A12260 VOLVO L110H 632556 - TRANSMISSION (AUTO)



Sample No: VCP446197
Oil Type: MOBIL AT 102
Job No: A12260



SAMPLE INFORMATION

Sample Number	VCP446197	VCP412838	---	---
Sample Date	07 Mar 2024	05 Oct 2023	---	---
Machine Hours	2290	1195	---	---
Oil Hours	2290	1195	---	---
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	27.2	46.0	---	---
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T:
 F: (610)268-2225



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	8	9	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	2	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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	34	33	---	---
Copper	ppm	7	7	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	4	0	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	1	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	4	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	98	74	---	---
Magnesium	ppm	8	2	---	---
Zinc	ppm	17	18	---	---
Phosphorus	ppm	173	177	---	---
Barium	ppm	2	6	---	---
Boron	ppm	72	74	---	---

Depot: HMRTOU
Unique No: 10938265
Signed: Don Baldrige
Report Date: 23 Mar 2024



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VOLVO GRAPHS

