



CONSTRUCTION EQUIPMENT

A12796 VOLVO L110H 632555 - TRANSMISSION (AUTO)



Sample No: VCP445227
Oil Type: MOBIL AT 102
Job No: A12796



SAMPLE INFORMATION

Sample Number	VCP445227	VCP409587	VCP413216	---
Sample Date	04 Jun 2024	06 Mar 2024	03 Oct 2023	---
Machine Hours	4100	3345	1760	---
Oil Hours	4100	0	1760	---
Oil Changed	Changed	Not Changd	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

HMR ASSOCIATES

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



OIL CONDITION

Visc @ 40°C	cSt	27.3	27.6	27.7	---
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T:
F: (610)268-2225



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	12	11	11	---
Sodium	ppm	2	2	2	---
Potassium	ppm	2	2	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	41	35	29	---
Copper	ppm	7	7	4	---
Lead	ppm	0	<1	0	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	2	2	0	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	1	<1	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	5	5	4	---
Vanadium	ppm	0	<1	0	---



ADDITIVES

Calcium	ppm	67	87	76	---
Magnesium	ppm	3	2	2	---
Zinc	ppm	14	15	14	---
Phosphorus	ppm	200	172	182	---
Barium	ppm	3	3	5	---
Boron	ppm	76	76	80	---

Depot: HMRTOU
Unique No: 11089087
Signed: Wes Davis
Report Date: 21 Jun 2024



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VOLVO GRAPHS

