



CONSTRUCTION EQUIPMENT

A12261 VOLVO L110H 632554 - TRANSMISSION (AUTO)



Sample No: VCP439562
Oil Type: MOBIL AT 102
Job No: A12261



SAMPLE INFORMATION

Sample Number	VCP439562	VCP416965	---	---
Sample Date	16 Mar 2024	06 Oct 2023	---	---
Machine Hours	2725	1475	---	---
Oil Hours	2725	1475	---	---
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	27.4	27.9	---	---
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T:
 F: (610)268-2225



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	11	11	---	---
Sodium	ppm	3	2	---	---
Potassium	ppm	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	48	41	---	---
Copper	ppm	8	6	---	---
Lead	ppm	<1	<1	---	---
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	5	5	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	90	80	---	---
Magnesium	ppm	5	3	---	---
Zinc	ppm	18	20	---	---
Phosphorus	ppm	167	187	---	---
Barium	ppm	<1	3	---	---
Boron	ppm	69	76	---	---

Depot: HMRTOU
Unique No: 10938264
Signed: Wes Davis
Report Date: 21 Mar 2024



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GRAPHS

