



CONSTRUCTION EQUIPMENT

SW1024553 VOLVO L90H 624722 - TRANSMISSION (AUTO)



Sample No: VCP415380

Oil Type: MOBIL ATF

Job No: SW1024553



SAMPLE INFORMATION

Sample Number	VCP415380	VCP400945	---	---
Sample Date	25 Sep 2023	09 May 2023	---	---
Machine Hours	3498	3337	---	---
Oil Hours	0	3337	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---



ARNOLD MACHINERY COMPANY

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T:
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OIL CONDITION

Visc @ 40°C	cSt	29.2	28.1	---	---
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CONTAMINATION

Silicon	ppm	8	13	---	---
Sodium	ppm	1	5	---	---
Potassium	ppm	1	2	---	---



WEAR METALS

Iron	ppm	61	132	---	---
Copper	ppm	6	11	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	1	5	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	10	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	191	152	---	---
Magnesium	ppm	8	9	---	---
Zinc	ppm	77	73	---	---
Phosphorus	ppm	229	178	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	80	37	---	---

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.

Depot: VOLVO6174
Unique No: 10672345
Signed: Don Baldrige
Report Date: 03 Oct 2023



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GRAPHS

