



CONSTRUCTION EQUIPMENT

X11168 OLD CASTLE VOLVO L90H 626890 - TRANSMISSION (AUTO)



Sample No: VCP439574
Oil Type: VOLVO
Job No: X11168 OLD CASTLE



SAMPLE INFORMATION

Sample Number	VCP439574	VCP449108	---	---
Sample Date	09 Feb 2024	15 Dec 2023	---	---
Machine Hours	1013	737	---	---
Oil Hours	1000	737	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	28.1	28.8	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	11	9	---	---
Sodium	ppm	<1	2	---	---
Potassium	ppm	3	<1	---	---



WEAR METALS

Iron	ppm	194	148	---	---
Copper	ppm	6	5	---	---
Lead	ppm	1	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	8	7	---	---
Vanadium	ppm	<1	<1	---	---



ADDITIVES

Calcium	ppm	73	58	---	---
Magnesium	ppm	1	0	---	---
Zinc	ppm	27	10	---	---
Phosphorus	ppm	167	141	---	---
Barium	ppm	3	0	---	---
Boron	ppm	71	74	---	---

Diagnosis

The fluid change at the time of sampling has been noted. We recommend you service the filters on this component. Resample at the next service interval to monitor. Moderate concentration of visible metal present. All other metal levels are typical for a new component breaking in. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO1034
Unique No: 10883462
Signed: Don Baldrige
Report Date: 17 Feb 2024



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GRAPHS

