



CONSTRUCTION EQUIPMENT

SW-1032454 SUNGROW VOLVO L90H 625075 - TRANSMISSION (AUTO)



Sample No: VCP358175
Oil Type: VOLVO AT 102
Job No: SW-1032454 SUNGROW



SAMPLE INFORMATION

Sample Number	VCP358175	VCP257306	VCP257397	---
Sample Date	02 Apr 2024	11 Dec 2019	08 Oct 2019	---
Machine Hours	10045	1040	560	---
Oil Hours	0	1040	560	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	ABNORMAL	ABNORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	26.8	26.3	26.5	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	7	10	8	---
Sodium	ppm	7	4	4	---
Potassium	ppm	0	3	13	---

Diagnosis

We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. The iron level is abnormal. Moderate concentration of visible metal present. 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	228	153	85	---
Copper	ppm	7	4	3	---
Lead	ppm	<1	0	<1	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	5	1	<1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	<1	<1	1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	6	9	7	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	138	106	96	---
Magnesium	ppm	3	7	8	---
Zinc	ppm	76	39	30	---
Phosphorus	ppm	217	170	160	---
Barium	ppm	1	2	2	---
Boron	ppm	53	63	62	---

Depot: VOLVO8770
Unique No: 10976338
Signed: Don Baldrige
Report Date: 15 Apr 2024



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GRAPHS

