



CONSTRUCTION EQUIPMENT

SW-27905-2 MANHEIM VOLVO L90F 68702 - TRANSMISSION (AUTO)



Sample No: VCP435845
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SW-27905-2 MANHEIM



SAMPLE INFORMATION

Sample Number	VCP435845	VCP357161	VCP143409	---
Sample Date	22 Dec 2023	01 Apr 2022	03 Apr 2014	---
Machine Hours	17058	14595	4482	---
Oil Hours	2500	2000	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	27.6	27.5	22.83	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	0	4	9	---
Sodium	ppm	0	4	14	---
Potassium	ppm	0	1	8	---

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	5	14	▲ 115	---
Copper	ppm	0	2	10	---
Lead	ppm	0	3	22	---
Tin	ppm	0	3	2	---
Aluminum	ppm	2	2	4	---
Chromium	ppm	1	0	<1	---
Molybdenum	ppm	0	<1	1	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	6	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	87	97	81	---
Magnesium	ppm	<1	5	0	---
Zinc	ppm	12	34	263	---
Phosphorus	ppm	202	214	212	---
Barium	ppm	4	0	0	---
Boron	ppm	83	73	27	---

Depot: VOLVO8770
Unique No: 10809885
Signed: Wes Davis
Report Date: 03 Jan 2024



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GRAPHS

