



CONSTRUCTION EQUIPMENT

302922 VOLVO L90H 624904 - TRANSMISSION (AUTO)



Sample No: VCP417487
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 302922



SAMPLE INFORMATION

Sample Number	VCP417487	VCP405342	VCP399232	VCP389620
Sample Date	06 Jul 2023	16 Mar 2023	19 Dec 2022	08 Oct 2022
Machine Hours	6313	6080	5520	5028
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

COVANTA LAKES
 3830 ROGERS INDUSTRIAL PARK ROAD
 OKAHUMPKA, FL
 US 32762
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	27.9	28.0	27.7	31.1
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T:
F:



CONTAMINATION

Silicon	ppm	4	4	6	6
Sodium	ppm	4	4	6	4
Potassium	ppm	<1	0	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	28	25	60	57
Copper	ppm	3	3	5	6
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	5	2	4	2
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	<1	0	<1	0
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	2	5	5
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	86	70	78	81
Magnesium	ppm	9	4	3	2
Zinc	ppm	20	13	58	47
Phosphorus	ppm	203	170	228	179
Barium	ppm	0	0	0	2
Boron	ppm	64	73	65	59

Depot: COVOKA
Unique No: 10551219
Signed: Wes Davis
Report Date: 12 Jul 2023



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GRAPHS

