



CONSTRUCTION EQUIPMENT

VOLVO L90 64803 - TRANSMISSION (AUTO)



Sample No: VCP454951
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP454951	VCP354018	VCP255090	VCP216552
Sample Date	25 Jun 2024	05 Jul 2022	29 Jul 2019	21 Sep 2017
Machine Hours	25380	25046	24036	20982
Oil Hours	0	500	2000	0
Oil Changed	Not Chngd	Not Chngd	Changed	Changed
Sample Status	MARGINAL	ABNORMAL	NORMAL	NORMAL

REPUBLIC SERVICES OF TAMPA
 2702 E 2ND AVENUE
 TAMPA, FL
 US 33605-5501
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	31.9	30.0	31.7	64.97
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T: (813)248-6435
 F:



CONTAMINATION

Water	%	0.213	NEG	NEG	NEG
Silicon	ppm	3	3	2	1
Sodium	ppm	6	<1	3	<1
Potassium	ppm	4	<1	<1	3

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	23	80	7	4
Copper	ppm	6	8	11	59
Lead	ppm	0	0	0	<1
Tin	ppm	<1	0	<1	0
Aluminum	ppm	3	1	1	<1
Chromium	ppm	<1	<1	0	0
Molybdenum	ppm	1	2	1	<1
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	1	1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	72	96	115	26
Magnesium	ppm	4	7	10	<1
Zinc	ppm	98	61	96	223
Phosphorus	ppm	168	141	178	211
Barium	ppm	<1	2	0	<1
Boron	ppm	54	40	34	9

Depot: REPTAM
Unique No: 11103111
Signed: Don Baldrige
Report Date: 02 Jul 2024



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VOLVO GRAPHS

