



CONSTRUCTION EQUIPMENT

2014 VOLVO L120H 632190 - TRANSMISSION (AUTO)



Sample No: VCP434492
Oil Type: VOLVO AT 102
Job No: 2014



SAMPLE INFORMATION

Sample Number	VCP434492	VCP401503	VCP384133	VCP326561
Sample Date	20 Jun 2024	12 Oct 2023	05 Jan 2023	16 Sep 2022
Machine Hours	9575	8550	7550	7055
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

LEONARDS CONTRACTING
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 MADISON HEIGHTS, MI
 US 48071
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OIL CONDITION

Visc @ 40°C	cSt	25.2	25.6	25.6	25.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	9	10	9	8
Sodium	ppm	7	8	4	4
Potassium	ppm	2	2	1	2

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	61	63	64	61
Copper	ppm	12	11	13	11
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	25	26	25	22
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	3	3	3	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	68	75	73	72
Magnesium	ppm	1	0	2	1
Zinc	ppm	26	14	24	22
Phosphorus	ppm	175	123	174	171
Barium	ppm	<1	0	2	0
Boron	ppm	47	54	60	55

Depot: LEOMAD
Unique No: 11099940
Signed: Wes Davis
Report Date: 27 Jun 2024



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VOLVO GRAPHS

