



# CONSTRUCTION EQUIPMENT

## VOLVO L120H 632185 - TRANSMISSION (AUTO)



**Sample No:** VCP398137  
**Oil Type:** SUNOCO MULTI-PURPOSE ATF  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP398137</b>	VCP371328	VCP374951	VCP341661
Sample Date	<b>25 Aug 2023</b>	09 May 2023	08 Dec 2022	01 Aug 2022
Machine Hours	<b>8610</b>	8100	7600	7100
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**LEONARDS CONTRACTING**  
 30850 STEPHENSON HWY  
 MADISON HEIGHTS, MI  
 US 48071  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>25.5</b>	26.0	26.32	25.7
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### CONTAMINATION

Silicon	ppm	<b>4</b>	3	5	2
Sodium	ppm	<b>4</b>	2	4	4
Potassium	ppm	<b>&lt;1</b>	2	<1	0

### 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	<b>34</b>	34	34	31
Copper	ppm	<b>6</b>	7	6	6
Lead	ppm	<b>0</b>	<1	0	0
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>17</b>	16	13	11
Chromium	ppm	<b>&lt;1</b>	0	0	<1
Molybdenum	ppm	<b>0</b>	<1	0	<1
Nickel	ppm	<b>0</b>	0	0	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>2</b>	2	2	2
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>91</b>	94	91	83
Magnesium	ppm	<b>3</b>	2	0	0
Zinc	ppm	<b>4</b>	12	11	8
Phosphorus	ppm	<b>166</b>	157	156	158
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>65</b>	61	62	69

**Depot:** LEOMAD  
**Unique No:** 10633313  
**Signed:** Wes Davis  
**Report Date:** 08 Sep 2023



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## GRAPHS

