



CONSTRUCTION EQUIPMENT

9242 VOLVO L110F 4768 - TRANSMISSION (AUTO)



Sample No: VCP367861

Oil Type: NOT GIVEN

Job No: 9242



SAMPLE INFORMATION

Sample Number	VCP367861	VCP344627	VCP281460	VCP323946
Sample Date	13 Jul 2023	06 Dec 2021	27 Sep 2021	04 Jun 2021
Machine Hours	11933	10141	9912	9705
Oil Hours	0	0	0	1000
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	ATTENTION	NORMAL	NORMAL	NORMAL



REPUBLIC SERVICES INC

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OIL CONDITION

Visc @ 40°C	cSt	▲ 144	■ 31.0	■ 29.0	■ 24.2
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CONTAMINATION

Silicon	ppm	■ 11	■ 2	■ 2	■ 2
Sodium	ppm	■ <1	■ 1	■ 1	■ 1
Potassium	ppm	■ 0	■ <1	■ 0	■ <1



WEAR METALS

Iron	ppm	■ <1	■ 2	■ 3	■ 7
Copper	ppm	■ 2	■ <1	■ <1	■ 1
Lead	ppm	■ 0	■ 0	■ 2	■ <1
Tin	ppm	■ 0	■ 0	■ 0	■ <1
Aluminum	ppm	■ 1	■ <1	■ <1	■ 0
Chromium	ppm	■ 0	■ 0	■ 0	■ <1
Molybdenum	ppm	<1	<1	1	<1
Nickel	ppm	■ 0	■ 0	■ <1	■ 0
Titanium	ppm	0	0	0	0
Silver	ppm	■ 0	■ 0	■ 0	■ 0
Manganese	ppm	<1	0	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3652	332	87	120
Magnesium	ppm	10	2	2	1
Zinc	ppm	1121	60	6	8
Phosphorus	ppm	897	252	180	173
Barium	ppm	0	0	0	0
Boron	ppm	7	82	86	72

Diagnosis

Oil and filter change at the time of sampling has been noted. 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 fluid viscosity is higher than normal. This plus the additive levels indicates the addition of a different brand, or type of oil.

Depot: REPPER
Unique No: 10573641
Signed: Don Baldrige
Report Date: 27 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

