



CONSTRUCTION EQUIPMENT

374949 VOLVO L60F 61944 - TRANSMISSION (MANUAL)



Sample No: VCP394748
Oil Type: VOLVO AT 102
Job No: 374949



SAMPLE INFORMATION

Sample Number	VCP394748	VCE241545	VCE038159	---
Sample Date	13 Sep 2023	25 Apr 2016	16 Dec 2009	---
Machine Hours	7872	3658	146	---
Oil Hours	4000	0	156	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

STRONGCO EQUIP (AB)

6 - 38403 BURNT LAKE TRAIL
 RED DEER COUNTY, AB
 CA T4S 2L4
 Contact: Perry Doyle
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 T: (403)346-3473
 F: (403)346-3487



OIL CONDITION

Visc @ 40°C	cSt	35.2	44.1	28.7	---
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CONTAMINATION

Silicon	ppm	9	7	18	---
Sodium	ppm	4	4	11	---
Potassium	ppm	1	2	15	---



WEAR METALS

Iron	ppm	14	41	53	---
Copper	ppm	3	2	4	---
Lead	ppm	2	3	21	---
Tin	ppm	0	<1	5	---
Aluminum	ppm	6	15	3	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	2	46	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	<1	---
Manganese	ppm	<1	<1	7	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	2291	1343	66	---
Magnesium	ppm	16	203	2	---
Zinc	ppm	897	810	260	---
Phosphorus	ppm	847	730	168	---
Barium	ppm	0	<1	6	---
Boron	ppm	107	183	32	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. The fluid was specified as VOLVO AT 102, however, a fluid match indicates that this fluid is SAE 70W80 Tractor TDH Fluid. Please confirm the fluid type and grade on your next sample. All component wear rates are normal. There is no indication of any contamination in the fluid. Additive levels indicate the addition of a different brand, or type of fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO9652
Unique No: 5643946
Signed: Kevin Marson
Report Date: 15 Sep 2023



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GRAPHS

