



CONSTRUCTION EQUIPMENT

MLF-MAR14-019 VOLVO L90G 617536 - TRANSMISSION (AUTO)



Sample No: VCP448205
Oil Type: VOLVO AT 102
Job No: MLF-MAR14-019



SAMPLE INFORMATION

Sample Number	VCP448205	VCE241553	---	---
Sample Date	21 Mar 2024	18 Dec 2015	---	---
Machine Hours	15532	2030	---	---
Oil Hours	500	2000	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

STRONGCO EQUIPMENT (CE)

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OIL CONDITION

Visc @ 40°C	cSt	27.6	28.1	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	2	12	---	---
Sodium	ppm	2	4	---	---
Potassium	ppm	<1	2	---	---



WEAR METALS

Iron	ppm	11	54	---	---
Copper	ppm	3	6	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	1	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	7	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	78	192	---	---
Magnesium	ppm	2	8	---	---
Zinc	ppm	12	72	---	---
Phosphorus	ppm	189	229	---	---
Barium	ppm	0	5	---	---
Boron	ppm	79	54	---	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. 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: VOLVO0252
Unique No: 5750123
Signed: Wes Davis
Report Date: 27 Mar 2024



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VOLVO GRAPHS

