



CONSTRUCTION EQUIPMENT

TRIPLE M METAL 390113 VOLVO L260 1233 - TRANSMISSION (AUTO)



Sample No: VCP394171
Oil Type: VOLVO AT 102
Job No: 390113



SAMPLE INFORMATION

Sample Number	VCP394171	VCP380081	VCP394980	---
Sample Date	11 Jan 2024	04 Dec 2023	12 Jul 2023	---
Machine Hours	8278	7547	4516	---
Oil Hours	4000	0	0	---
Oil Changed	Changed	Not Changd	Changed	---
Sample Status	ABNORMAL	NORMAL	NORMAL	---

STRONGCO EQUIPMENT (CE)
1051 Heritage Rd.
Burlington, ON
CA L7L 4Y1
Contact: Sue Hooton
shooton@strongco.com
T: (905)331-3835
F: (905)643-6077



OIL CONDITION

Visc @ 40°C	cSt	27.1	28.0	25.9	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	5	5	10	---
Sodium	ppm	2	2	5	---
Potassium	ppm	1	<1	1	---



WEAR METALS

PQ		0	3	0	---
Iron	ppm	245	187	282	---
Copper	ppm	7	5	8	---
Lead	ppm	<1	<1	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	2	1	3	---
Chromium	ppm	2	2	2	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	4	3	8	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	101	380	91	---
Magnesium	ppm	1	2	1	---
Zinc	ppm	18	135	20	---
Phosphorus	ppm	198	266	175	---
Barium	ppm	<1	<1	4	---
Boron	ppm	70	74	47	---

Diagnosis

The fluid change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Iron ppm levels are abnormal. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. There is no indication of any contamination in the fluid. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VOLVO0252
Unique No: 5709679
Signed: Kevin Marson
Report Date: 12 Jan 2024



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GRAPHS

