



CONSTRUCTION EQUIPMENT

A11723 VOLVO L180H 5446 - TRANSMISSION (AUTO)



Sample No: VCP439489
Oil Type: VOLVO AT 102
Job No: A11723



SAMPLE INFORMATION

Sample Number	VCP439489	VCP416344	VCP399125	---
Sample Date	23 Dec 2023	10 Jul 2023	03 Feb 2023	---
Machine Hours	6982	6010	5041	---
Oil Hours	1500	2000	0	---
Oil Changed	Not Changd	Not Changd	Not Changd	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

COVANTA METAL MARKETING LLC
500 MIDDLE DR
FAIRLESS HILLS, PA
US 19030
Contact: J.P.



OIL CONDITION

Visc @ 40°C	cSt	25.9	26.3	20.4	---
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	4	3	3	---
Sodium	ppm	2	2	<1	---
Potassium	ppm	<1	<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	24	22	20	---
Copper	ppm	4	3	2	---
Lead	ppm	0	0	0	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	2	1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	80	88	82	---
Magnesium	ppm	<1	<1	2	---
Zinc	ppm	0	3	9	---
Phosphorus	ppm	213	215	203	---
Barium	ppm	0	0	0	---
Boron	ppm	87	87	97	---

Depot: COVFAI
Unique No: 10822061
Signed: Wes Davis
Report Date: 10 Jan 2024



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GRAPHS

