



CONSTRUCTION EQUIPMENT

CARGILL 389044 VOLVO L120H 16705 - TRANSMISSION (MANUAL)



Sample No: VCP392407
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 389044



SAMPLE INFORMATION

Sample Number	VCP392407	VCP334104	---	---
Sample Date	27 Dec 2023	21 Oct 2022	---	---
Machine Hours	2906	1294	---	---
Oil Hours	0	1294	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

STRONGCO EQUIPMENT-EDMONTON

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OIL CONDITION

Visc @ 40°C	cSt	27.9	27.0	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	8	8	---	---
Sodium	ppm	3	3	---	---
Potassium	ppm	2	1	---	---

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	33	25	---	---
Copper	ppm	9	7	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	3	2	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	79	82	---	---
Magnesium	ppm	2	1	---	---
Zinc	ppm	15	14	---	---
Phosphorus	ppm	186	207	---	---
Barium	ppm	4	4	---	---
Boron	ppm	74	77	---	---

Depot: VOLVO3908

Unique No: 5708272

Signed: Wes Davis

Report Date: 08 Jan 2024



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GRAPHS

