



CONSTRUCTION EQUIPMENT

4842DR KINSLEY CONST VOLVO A45G 352858 - TRANSMISSION (AUTO)



Sample No: VCP337514
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 4842DR KINSLEY CONST



SAMPLE INFORMATION

Sample Number	VCP337514	VCP399661	---	---
Sample Date	14 Dec 2023	06 Sep 2023	---	---
Machine Hours	3032	2577	---	---
Oil Hours	1000	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	NORMAL	ABNORMAL	---	---

HIGHWAY EQUIPMENT & SUPPLY CO
 PO BOX 127
 DRUMS, PA
 US 18222
 Contact: JUSTIN BLOSS
 justin@hwyequip.com
 T: (570)788-1127
 F: (570)708-2933



OIL CONDITION

Visc @ 40°C	cSt	█ 29.2	█ 28.7	---	---
-------------	-----	--------	--------	-----	-----



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 3	█ 4	---	---
Sodium	ppm	█ <1	█ 3	---	---
Potassium	ppm	█ 2	█ 2	---	---

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	█ 12	█ 8	---	---
Copper	ppm	█ 6	█ 5	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ 1	█ <1	---	---
Aluminum	ppm	█ 6	█ <1	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 2	█ 2	---	---
Nickel	ppm	█ <1	█ <1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ 0	█ <1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 167	█ 143	---	---
Magnesium	ppm	█ 16	█ 18	---	---
Zinc	ppm	█ 35	█ 32	---	---
Phosphorus	ppm	█ 202	█ 190	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 72	█ 71	---	---

Depot: VOLVO0022
Unique No: 10795031
Signed: Wes Davis
Report Date: 20 Dec 2023



CONSTRUCTION EQUIPMENT



GRAPHS

