



CONSTRUCTION EQUIPMENT

SW-28702-1 VOLVO A45G 342728 - TRANSMISSION (AUTO)



Sample No: VCP439399
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SW-28702-1



SAMPLE INFORMATION

Sample Number	VCP439399	VCP295728	VCP269892	---
Sample Date	10 Jan 2024	08 Dec 2020	14 Jan 2020	---
Machine Hours	6298	2248	983	---
Oil Hours	0	0	983	---
Oil Changed	Not Chngd	Not Chngd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

ARNOLD MACHINERY COMPANY
 2975 WEST 2100 SOUTH
 SALT LAKE CITY, UT
 US 84119
 Contact: TJ LARK
 tlark@arnoldmachinery.com
 T: (801)972-4000
 F: (801)975-9434



OIL CONDITION

Visc @ 40°C	cSt	28.4	27.0	26.6	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	4	0	18	---
Sodium	ppm	4	1	5	---
Potassium	ppm	<1	11	<1	---

Diagnosis

Resample at the next service interval to monitor. Test results do not show cause for reported problem. No abnormal wear or visible metal detected. 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	27	16	51	---
Copper	ppm	16	13	39	---
Lead	ppm	0	2	0	---
Tin	ppm	1	0	3	---
Aluminum	ppm	9	7	22	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	<1	1	<1	---
Nickel	ppm	3	1	4	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	4	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	199	81	103	---
Magnesium	ppm	2	0	2	---
Zinc	ppm	32	5	10	---
Phosphorus	ppm	313	164	160	---
Barium	ppm	0	0	2	---
Boron	ppm	110	82	65	---

Depot: VOLVO8770
Unique No: 10835325
Signed: Don Baldrige
Report Date: 20 Jan 2024



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GRAPHS

