



CONSTRUCTION EQUIPMENT

19769 LANE-BLYTHE VOLVO A45G FS 352473 - TRANSMISSION (AUTO)



Sample No: VCP414037
Oil Type: VOLVO AT 102
Job No: 19769 LANE-BLYTHE



SAMPLE INFORMATION

Sample Number	VCP414037	VCP415698	VCP390326	VCP375877
Sample Date	11 Oct 2023	08 Jun 2023	18 Oct 2022	09 Jun 2022
Machine Hours	5578	5010	4020	3292
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

117 - ASCENDUM MACHINERY INC - GREENVILLE
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OIL CONDITION

Visc @ 40°C	cSt	27.6	27.9	26.3	26.3
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CONTAMINATION

Silicon	ppm	3	5	6	3
Sodium	ppm	4	4	5	1
Potassium	ppm	<1	1	<1	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	19	17	19	16
Copper	ppm	43	31	34	31
Lead	ppm	0	0	0	0
Tin	ppm	5	4	5	3
Aluminum	ppm	10	8	14	6
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	2	0	1
Nickel	ppm	7	5	5	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	2	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	127	132	67	88
Magnesium	ppm	17	20	<1	8
Zinc	ppm	37	35	6	21
Phosphorus	ppm	235	251	254	229
Barium	ppm	0	0	0	2
Boron	ppm	88	89	123	122

Depot: VOLVO8769
Unique No: 10702523
Signed: Don Baldrige
Report Date: 23 Oct 2023



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GRAPHS

