



CONSTRUCTION EQUIPMENT

SWO-06920 VOLVO A45G 352916 - TRANSMISSION (AUTO)



Sample No: VCP435595
Oil Type: VOLVO AT 102
Job No: SWO-06920



SAMPLE INFORMATION

Sample Number	VCP435595	VCP434022	VCP415951	VCP404634
Sample Date	26 Jan 2024	11 Oct 2023	25 Jul 2023	04 May 2023
Machine Hours	4034	3517	3005	2493
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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 BIRMINGHAM, AL
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OIL CONDITION

Visc @ 40°C	cSt	28.9	31.1	27.7	28.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	8	8	7	5
Sodium	ppm	1	5	4	2
Potassium	ppm	3	4	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	44	32	24	15
Copper	ppm	16	12	12	6
Lead	ppm	0	<1	0	0
Tin	ppm	2	2	1	2
Aluminum	ppm	15	12	10	7
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	0	<1	<1
Nickel	ppm	2	2	<1	1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	2	1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	85	88	98	87
Magnesium	ppm	5	2	4	7
Zinc	ppm	8	8	14	2
Phosphorus	ppm	143	173	181	176
Barium	ppm	<1	0	0	0
Boron	ppm	75	66	76	68

Depot: SAIBIR
Unique No: 10858295
Signed: Sean Felton
Report Date: 02 Feb 2024



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VOLVO GRAPHS

