



CONSTRUCTION EQUIPMENT

SWO-070856 VOLVO A45G 342096 - TRANSMISSION (AUTO)



Sample No: VCP438718
Oil Type: VOLVO AT 102
Job No: SWO-070856



SAMPLE INFORMATION

Sample Number	VCP438718	VCP435404	VCP411754	VCP405963
Sample Date	02 Apr 2024	13 Nov 2023	22 Aug 2023	08 May 2023
Machine Hours	10079	9583	9107	8608
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	27.9	28.1	27.8	28.2
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CONTAMINATION

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



ADDITIVES

Calcium	ppm	85	87	103	81
Magnesium	ppm	3	4	6	5
Zinc	ppm	4	0	14	0
Phosphorus	ppm	199	181	185	186
Barium	ppm	0	0	0	0
Boron	ppm	80	89	93	78

Depot: SAIBIR
Unique No: 10965132
Signed: Don Baldrige
Report Date: 09 Apr 2024



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VOLVO GRAPHS

