



CONSTRUCTION EQUIPMENT

SWO-066609 VOLVO A45G 352916 - TRANSMISSION (AUTO)



Sample No: VCP434022
Oil Type: NOT GIVEN
Job No: SWO-066609



SAMPLE INFORMATION

Sample Number	VCP434022	VCP415951	VCP404634	VCP403252
Sample Date	11 Oct 2023	25 Jul 2023	04 May 2023	24 Jan 2023
Machine Hours	3517	3005	2493	1980
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	31.1	27.7	28.0	28.1
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CONTAMINATION

Silicon	ppm	8	7	5	15
Sodium	ppm	5	4	2	3
Potassium	ppm	4	2	2	5



WEAR METALS

Iron	ppm	32	24	15	29
Copper	ppm	12	12	6	18
Lead	ppm	<1	0	0	<1
Tin	ppm	2	1	2	3
Aluminum	ppm	12	10	7	13
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	2	<1	1	1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	1	1	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	88	98	87	76
Magnesium	ppm	2	4	7	2
Zinc	ppm	8	14	2	9
Phosphorus	ppm	173	181	176	188
Barium	ppm	0	0	0	0
Boron	ppm	66	76	68	83

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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.

Depot: SAIBIR
Unique No: 10698811
Signed: Sean Felton
Report Date: 19 Oct 2023



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VOLVO GRAPHS

