



CONSTRUCTION EQUIPMENT

SWO-066002 VOLVO A45G 352134 - TRANSMISSION (AUTO)



Sample No: VCP431975
Oil Type: NOT GIVEN
Job No: SWO-066002



SAMPLE INFORMATION

Sample Number	VCP431975	VCP416723	VCP414245	VCP401942
Sample Date	26 Sep 2023	31 Jul 2023	31 May 2023	04 Apr 2023
Machine Hours	8228	7719	7234	6763
Oil Hours	0	0	0	0
Oil Changed	Changed	N/A	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	27.7	27.8	28.6	28.2
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CONTAMINATION

Silicon	ppm	2	3	2	2
Sodium	ppm	3	<1	0	1
Potassium	ppm	0	<1	1	<1



WEAR METALS

Iron	ppm	16	13	9	6
Copper	ppm	37	30	22	12
Lead	ppm	0	0	0	0
Tin	ppm	5	3	2	1
Aluminum	ppm	8	6	3	3
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	6	6	4	2
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	86	88	86	91
Magnesium	ppm	1	4	4	10
Zinc	ppm	<1	10	10	0
Phosphorus	ppm	174	167	160	177
Barium	ppm	0	0	2	0
Boron	ppm	84	101	76	78

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.

Depot: SAIBIR
Unique No: 10671457
Signed: Don Baldrige
Report Date: 01 Oct 2023



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VOLVO GRAPHS

