



CONSTRUCTION EQUIPMENT

SWO-066004 VOLVO A45G 352769 - TRANSMISSION (AUTO)



Sample No: VCP433854
Oil Type: DEXRON III
Job No: SWO-066004



SAMPLE INFORMATION

Sample Number	VCP433854	VCP416528	VCP401136	VCP383839
Sample Date	20 Sep 2023	21 Jun 2023	02 Mar 2023	05 Dec 2022
Machine Hours	4400	3875	3355	2886
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	28.6	28.6	28.8	27.5
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CONTAMINATION

Silicon	ppm	8	5	4	6
Sodium	ppm	<1	0	0	3
Potassium	ppm	2	2	<1	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	8	15	10	22
Copper	ppm	5	13	8	19
Lead	ppm	0	<1	0	<1
Tin	ppm	<1	2	0	3
Aluminum	ppm	6	6	5	10
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	<1	<1	0	<1
Nickel	ppm	<1	2	0	3
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	0	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	80	66	66	79
Magnesium	ppm	2	0	0	2
Zinc	ppm	5	0	2	6
Phosphorus	ppm	184	185	176	185
Barium	ppm	0	0	<1	0
Boron	ppm	92	112	87	74

Depot: SAIBIR
Unique No: 10661418
Signed: Don Baldrige
Report Date: 26 Sep 2023



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VOLVO GRAPHS

