



CONSTRUCTION EQUIPMENT

VOLVO A45G 352134 - TRANSMISSION (AUTO)



Sample No: VCP431053

Oil Type: DEXRON III

Job No:



SAMPLE INFORMATION

Sample Number	VCP431053	VCP431975	VCP416723	VCP414245
Sample Date	22 Nov 2023	26 Sep 2023	31 Jul 2023	31 May 2023
Machine Hours	8724	8228	7719	7234
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	N/A	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	28.4	27.7	27.8	28.6
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	3	2
Sodium	ppm	2	3	<1	0
Potassium	ppm	0	0	<1	1



WEAR METALS

Iron	ppm	7	16	13	9
Copper	ppm	19	37	30	22
Lead	ppm	0	0	0	0
Tin	ppm	2	5	3	2
Aluminum	ppm	2	8	6	3
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	3	6	6	4
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	79	86	88	86
Magnesium	ppm	2	1	4	4
Zinc	ppm	7	<1	10	10
Phosphorus	ppm	198	174	167	160
Barium	ppm	0	0	0	2
Boron	ppm	86	84	101	76

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: SAIBIR

Unique No: 10766404

Signed: Don Baldrige

Report Date: 04 Dec 2023



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GRAPHS

