



CONSTRUCTION EQUIPMENT

VOLVO A45G 79 (S/N 342558) - TRANSMISSION (AUTO)



Sample No: VCP06152694

Oil Type: VOLVO AT 102

Job No:



SAMPLE INFORMATION

Sample Number	VCP06152694	VCP405327	VCP396277	VCP325082
Sample Date	02 Apr 2024	01 Oct 2023	04 Feb 2023	03 Aug 2021
Machine Hours	0	12523	10737	7401
Oil Hours	0	500	0	0
Oil Changed	N/A	Changed	Changed	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

J.M. HUBER

10322 HWY 53 E

MARBLE HILL, GA

US 30148

Contact: GEORGE GIBSON

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F:



OIL CONDITION

Visc @ 40°C	cSt	27.5	27.9	28.3	26.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	10	6	6	10
Sodium	ppm	5	2	3	10
Potassium	ppm	4	2	3	3

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.



WEAR METALS

Iron	ppm	58	34	20	122
Copper	ppm	17	11	8	68
Lead	ppm	0	0	0	0
Tin	ppm	2	1	<1	7
Aluminum	ppm	20	11	6	36
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	0	<1	3
Nickel	ppm	<1	<1	<1	8
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	73	76	72	161
Magnesium	ppm	0	0	2	30
Zinc	ppm	0	0	3	62
Phosphorus	ppm	202	180	188	204
Barium	ppm	0	0	0	0
Boron	ppm	89	88	91	68

Depot: JMHMAR

Unique No: 10982772

Signed: Sean Felton

Report Date: 22 Apr 2024



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GRAPHS

