



CONSTRUCTION EQUIPMENT

W07013626-1 VOLVO A45G 3425 19 - TRANSMISSION (AUTO)



Sample No: VCP409426
Oil Type: VOLVO AT 102
Job No: W07013626-1



SAMPLE INFORMATION

Sample Number	VCP409426	VCP379151	VCP311388	VCP256606
Sample Date	20 Oct 2023	11 Jul 2022	06 Apr 2021	14 Apr 2020
Machine Hours	5995	4282	2972	2018
Oil Hours	0	0	0	2000
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND
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OIL CONDITION

Visc @ 40°C	cSt	29.4	27.4	27.7	26.8
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CONTAMINATION

Silicon	ppm	16	7	2	15
Sodium	ppm	9	4	4	4
Potassium	ppm	20	0	<1	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	12	64	32	49
Copper	ppm	22	23	11	21
Lead	ppm	0	<1	0	<1
Tin	ppm	2	5	2	4
Aluminum	ppm	4	23	11	16
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	<1	<1	0
Nickel	ppm	3	3	1	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	1	<1	0
Manganese	ppm	1	2	1	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	87	128	119	105
Magnesium	ppm	0	2	3	<1
Zinc	ppm	0	42	43	18
Phosphorus	ppm	188	172	188	151
Barium	ppm	0	0	0	<1
Boron	ppm	70	74	73	61

Depot: VOLVO8882
Unique No: 10712228
Signed: Don Baldridge
Report Date: 27 Oct 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

