



CONSTRUCTION EQUIPMENT

VOLVO L220H 2597 - TRANSMISSION (AUTO)



Sample No: VCP405721
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP405721	VCP405874	VCP367732	VCP333298
Sample Date	24 Aug 2023	31 May 2023	10 Jan 2023	13 Jan 2022
Machine Hours	9534	9049	8594	7580
Oil Hours	500	4000	1000	1000
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	ABNORMAL	ABNORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	27.9	26.2	27.6	26.7
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CONTAMINATION

Silicon	ppm	3	3	5	3
Sodium	ppm	0	4	5	4
Potassium	ppm	1	2	0	0



WEAR METALS

Iron	ppm	75	217	225	121
Copper	ppm	3	6	8	6
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	2	7	4	4
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	<1	<1	0	<1
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	2	2	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	81	89	108	85
Magnesium	ppm	2	<1	0	<1
Zinc	ppm	6	12	0	8
Phosphorus	ppm	200	174	184	156
Barium	ppm	2	0	0	0
Boron	ppm	109	62	76	65

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: VOLVO0080
Unique No: 10633304
Signed: Wes Davis
Report Date: 06 Sep 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

