



CONSTRUCTION EQUIPMENT

W14367 VOLVO L220H 2821 - TRANSMISSION (AUTO)



Sample No: VCP404677
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: W14367



SAMPLE INFORMATION

Sample Number	VCP404677	VCP426830	VCP398358	VCP385843
Sample Date	19 Jul 2023	15 May 2023	31 Jan 2023	26 Oct 2022
Machine Hours	8643	8210	7653	7146
Oil Hours	0	2000	500	1000
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

HOUSBY HEAVY EQUIPMENT, LLC
 4410 SE 4 MILE DR
 ANKENY, IA
 US 50021
 Contact: RANDY VANDERLEEST
 rvanderleest@housby.com
 T:
 F: (515)964-2865



OIL CONDITION

Visc @ 40°C	cSt	28.4	25.5	26.9	26.1
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CONTAMINATION

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

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	50	126	119	84
Copper	ppm	1	5	6	5
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	<1	2	2	1
Chromium	ppm	<1	1	<1	<1
Molybdenum	ppm	1	4	4	3
Nickel	ppm	0	1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	4	3	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	96	125	123	122
Magnesium	ppm	6	23	18	18
Zinc	ppm	6	36	39	39
Phosphorus	ppm	213	189	181	178
Barium	ppm	0	0	0	0
Boron	ppm	103	58	69	72

Depot: VOLVO0080
Unique No: 10574711
Signed: Wes Davis
Report Date: 27 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

