



CONSTRUCTION EQUIPMENT

W14567 HOUSBY VOLVO L220H 2820 - TRANSMISSION (AUTO)



Sample No: VCP410536
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: W14567 HOUSBY



SAMPLE INFORMATION

Sample Number	VCP410536	VCP402854	VCP382405	VCP374225
Sample Date	15 Aug 2023	31 May 2023	07 Dec 2022	15 Sep 2022
Machine Hours	9046	8553	8016	7495
Oil Hours	100	500	4000	500
Oil Changed	Not Chngd	Not Chngd	Changed	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	27.8	27.9	24.3	36.9
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CONTAMINATION

Silicon	ppm	3	3	4	6
Sodium	ppm	2	2	3	3
Potassium	ppm	1	2	0	<1

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	64	56	138	121
Copper	ppm	4	2	9	9
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	4	4	8	8
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	2	4	4
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	83	87	79	111
Magnesium	ppm	5	4	<1	<1
Zinc	ppm	4	16	0	19
Phosphorus	ppm	198	202	136	165
Barium	ppm	0	0	0	0
Boron	ppm	83	81	54	52

Depot: VOLVO0080
Unique No: 10615848
Signed: Wes Davis
Report Date: 22 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

