



CONSTRUCTION EQUIPMENT

SPM580866 PIONEER VOLVO L60H 622878 - TRANSMISSION (AUTO)



Sample No: VCP420185
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SPM580866 PIONEER



SAMPLE INFORMATION

Sample Number	VCP420185	VCP418590	VCP400994	VCP393434
Sample Date	04 Aug 2023	28 Apr 2023	24 Feb 2023	20 Dec 2022
Machine Hours	2513	1997	1507	933
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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 5000 INDUSTRIAL HWY
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OIL CONDITION

Visc @ 40°C	cSt	29.4	29.4	29.2	28.6
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CONTAMINATION

Silicon	ppm	8	6	7	8
Sodium	ppm	4	1	2	2
Potassium	ppm	2	1	1	< 1



WEAR METALS

Iron	ppm	100	66	65	89
Copper	ppm	5	4	4	6
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	< 1	0	0	< 1
Chromium	ppm	< 1	< 1	< 1	< 1
Molybdenum	ppm	4	2	2	1
Nickel	ppm	< 1	< 1	0	< 1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	< 1	0
Manganese	ppm	4	3	4	7
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	153	109	102	85
Magnesium	ppm	50	31	22	8
Zinc	ppm	101	64	48	19
Phosphorus	ppm	261	193	187	199
Barium	ppm	2	0	0	0
Boron	ppm	102	75	72	75

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: VOLVO8885
Unique No: 10602530
Signed: Don Baldrige
Report Date: 14 Aug 2023



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VOLVO GRAPHS

