



CONSTRUCTION EQUIPMENT

SPM553978 US GYPSUM VOLVO L180H 5572 - TRANSMISSION (AUTO)



Sample No: VCP05893022
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SPM553978 US GYPSUM



SAMPLE INFORMATION

Sample Number	VCP05893022	VCP419980	VCP364846	VCP365836
Sample Date	13 Jun 2023	14 Mar 2023	24 Jan 2023	02 Nov 2022
Machine Hours	4720	4201	3714	3006
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	29.6	29.2	29.3	29.6
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CONTAMINATION

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

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

PQ		17	---	---	---
Iron	ppm	26	62	55	41
Copper	ppm	15	52	35	8
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	0	1	0	2
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	3	4	4	4
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	<1
Manganese	ppm	<1	2	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	126	108	106	114
Magnesium	ppm	29	37	36	38
Zinc	ppm	53	69	67	71
Phosphorus	ppm	221	211	199	206
Barium	ppm	<1	0	2	3
Boron	ppm	86	73	76	73

Depot: VOLVO8885
Unique No: 10548832
Signed: Don Baldrige
Report Date: 11 Jul 2023



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VOLVO GRAPHS

