



CONSTRUCTION EQUIPMENT

SPM606063 US GYPSUM VOLVO L180H 5572 - TRANSMISSION (AUTO)



Sample No: VCP426914
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SPM606063 US GYPSUM



SAMPLE INFORMATION

Sample Number	VCP426914	VCP05893022	VCP419980	VCP364846
Sample Date	12 Sep 2023	13 Jun 2023	14 Mar 2023	24 Jan 2023
Machine Hours	5421	4720	4201	3714
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
GARY, IN
US 46406
Contact: DAVE ENG
DAVE.ENG@ALTG.COM
T: (312)350-2560
F:



OIL CONDITION

Visc @ 40°C	cSt	31.1	29.6	29.2	29.3
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CONTAMINATION

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



WEAR METALS

PQ		---	17	---	---
Iron	ppm	32	26	62	55
Copper	ppm	15	15	52	35
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	0	1	0
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	3	3	4	4
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	<1	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	296	126	108	106
Magnesium	ppm	28	29	37	36
Zinc	ppm	124	53	69	67
Phosphorus	ppm	267	221	211	199
Barium	ppm	0	<1	0	2
Boron	ppm	76	86	73	76

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: 10658512
Signed: Don Baldrige
Report Date: 22 Sep 2023



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VOLVO GRAPHS

