



CONSTRUCTION EQUIPMENT

SW-20706-2 CMC VOLVO L180H 5503 - TRANSMISSION (AUTO)



Sample No: VCP426855
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SW-20706-2 CMC



ARNOLD MACHINERY COMPANY
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SAMPLE INFORMATION

Sample Number	VCP426855	---	---	---
Sample Date	28 Jun 2023	---	---	---
Machine Hours	3902	---	---	---
Oil Hours	3902	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 27.5	---	---	---
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CONTAMINATION

Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 4	---	---	---



WEAR METALS

Iron	ppm	█ 90	---	---	---
Copper	ppm	█ 13	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 77	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 10	---	---	---
Phosphorus	ppm	█ 190	---	---	---
Barium	ppm	█ 4	---	---	---
Boron	ppm	█ 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: VOLVO8770
Unique No: 10547487
Signed: Wes Davis
Report Date: 07 Jul 2023



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GRAPHS

