



# CONSTRUCTION EQUIPMENT

SWA253761 VOLVO L180G 19640 - TRANSMISSION (AUTO)



**Sample No:** VCP419154  
**Oil Type:** VOLVO AT 102  
**Job No:** SWA253761



## SAMPLE INFORMATION

Sample Number	VCP419154	VCP408830	---	---
Sample Date	21 Jul 2023	26 Apr 2023	---	---
Machine Hours	49379	48761	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	SEVERE	---	---

**WHEELABRATOR**  
1 CHARLES POINT AVE  
PEEKSKILL, NY  
US 10566  
Contact: Service Manager



## OIL CONDITION

Visc @ 40°C	cSt	■ 32.0	■ 26.7	---	---
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T:  
F:



## CONTAMINATION

Silicon	ppm	■ 4	■ 4	---	---
Sodium	ppm	■ 14	■ 0	---	---
Potassium	ppm	■ 14	■ 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

Iron	ppm	■ 147	● 379	---	---
Copper	ppm	■ 4	■ 7	---	---
Lead	ppm	■ 0	■ 0	---	---
Tin	ppm	■ 0	■ 0	---	---
Aluminum	ppm	■ 1	■ 0	---	---
Chromium	ppm	■ <1	■ 0	---	---
Molybdenum	ppm	■ 0	■ <1	---	---
Nickel	ppm	■ 0	■ 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	■ 0	■ 0	---	---
Manganese	ppm	■ 2	■ 3	---	---
Vanadium	ppm	0	0	---	---



## ADDITIVES

Calcium	ppm	■ 99	■ 90	---	---
Magnesium	ppm	■ 18	■ <1	---	---
Zinc	ppm	■ 214	■ 17	---	---
Phosphorus	ppm	■ 222	■ 167	---	---
Barium	ppm	■ 0	■ 0	---	---
Boron	ppm	■ 60	■ 64	---	---

**Depot:** WHEPEE  
**Unique No:** 10577025  
**Signed:** Don Baldrige  
**Report Date:** 31 Jul 2023



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## GRAPHS

