



CONSTRUCTION EQUIPMENT

12829 VOLVO L180H 4055 - TRANSMISSION (AUTO)



Sample No: VCP442384
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 12829



SAMPLE INFORMATION

Sample Number	VCP442384	---	---	---
Sample Date	09 May 2024	---	---	---
Machine Hours	8421	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

536 - ASCENDUM MACHINERY INC - CHATTANOOGA
 7829 LEE HWY
 CHATTANOOGA, TN
 US 37421
 Contact: WILLIAM WALKER
 william.walker@ascendummachinery.com
 T:
 F: (423)308-7959



OIL CONDITION

Visc @ 40°C	cSt	█ 25.6	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 9	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ <1	---	---	---



WEAR METALS

Iron	ppm	▲ 476	---	---	---
Copper	ppm	█ 9	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 86	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 29	---	---	---
Phosphorus	ppm	█ 161	---	---	---
Barium	ppm	█ 3	---	---	---
Boron	ppm	█ 49	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. The iron level is severe. There is no indication of any contamination in the fluid. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VOLVO0117
Unique No: 11031875
Signed: Don Baldrige
Report Date: 17 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

