



CONSTRUCTION EQUIPMENT

53334 VOLVO L180H 5262 - TRANSMISSION (AUTO)



Sample No: VCP395556
Oil Type: DEXRON III
Job No: 53334



SAMPLE INFORMATION

Sample Number	VCP395556	VCP410353	---	---
Sample Date	12 Jul 2023	05 Jun 2023	---	---
Machine Hours	6263	6104	---	---
Oil Hours	2114	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	SEVERE	ABNORMAL	---	---

113 - ASCENDUM MACHINERY INC - GARNER
 3561 JONES SAUSAGE ROAD
 GARNER, NC
 US 27529
 Contact: BRANDON THIGPEN
 brandon.thigpen@ascendummachinery.com
 T:
 F: (919)661-9038



OIL CONDITION

Visc @ 40°C	cSt	24.3	27.9	---	---
-------------	-----	-------------	------	-----	-----



CONTAMINATION

Silicon	ppm	16	7	---	---
Sodium	ppm	2	3	---	---
Potassium	ppm	<1	1	---	---



WEAR METALS

Iron	ppm	330	233	---	---
Copper	ppm	19	13	---	---
Lead	ppm	0	0	---	---
Tin	ppm	1	0	---	---
Aluminum	ppm	60	22	---	---
Chromium	ppm	2	1	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	5	4	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	77	83	---	---
Magnesium	ppm	3	<1	---	---
Zinc	ppm	15	6	---	---
Phosphorus	ppm	151	190	---	---
Barium	ppm	2	0	---	---
Boron	ppm	51	73	---	---

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. The aluminum level is abnormal. High concentration of visible metal present. No other contaminants were detected in the fluid. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VOLV00157
Unique No: 10560413
Signed: Don Baldrige
Report Date: 18 Jul 2023

VOLVO **GRAPHS**

