



# CONSTRUCTION EQUIPMENT

19098 OLDCASTLE DUNN VOLVO L90H 626505 - TRANSMISSION (AUTO)



**Sample No:** VCP416586  
**Oil Type:** VOLVO AT 102  
**Job No:** 19098 OLDCASTLE DUNN



**117 - ASCENDUM MACHINERY INC - GREENVILLE**  
2002 N GREENE ST  
GREENVILLE, NC  
US 27834  
Contact: BRANDON JENKINS  
BRANDON.JENKINS@ASCENDUMMACHINERY.COM  
T:  
F: (704)494-8197



## SAMPLE INFORMATION

Sample Number	VCP416586	VCP382808	---	---
Sample Date	10 Jul 2023	11 Apr 2023	---	---
Machine Hours	1705	1087	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---



## OIL CONDITION

Visc @ 40°C	cSt	27.8	27.9	---	---
-------------	-----	------	------	-----	-----



## CONTAMINATION

Silicon	ppm	11	11	---	---
Sodium	ppm	5	5	---	---
Potassium	ppm	2	2	---	---



## WEAR METALS

Iron	ppm	174	149	---	---
Copper	ppm	7	7	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	9	8	---	---
Vanadium	ppm	0	0	---	---



## ADDITIVES

Calcium	ppm	72	72	---	---
Magnesium	ppm	2	2	---	---
Zinc	ppm	36	32	---	---
Phosphorus	ppm	196	183	---	---
Barium	ppm	<1	3	---	---
Boron	ppm	66	80	---	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

**Depot:** VOLVO8769  
**Unique No:** 10587647  
**Signed:** Doug Bogart  
**Report Date:** 06 Aug 2023



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

