



# CONSTRUCTION EQUIPMENT

## SWA563649 TERRAMAC RT14R 14RH00107 - FRONT LEFT FINAL DRIVE



**Sample No:** VCP435937  
**Oil Type:** SCHAEFFERS 80W90  
**Job No:** SWA563649



### SAMPLE INFORMATION

Sample Number	<b>VCP435937</b>	VCP435077	VCP395405	---
Sample Date	<b>24 May 2024</b>	11 Oct 2023	17 Jul 2023	---
Machine Hours	<b>2703</b>	2355	4312	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Not Changed</b>	Changed	N/A	---
Sample Status	<b>ABNORMAL</b>	SEVERE	SEVERE	---

### ALTA EQUIPMENT

5985 COURT STREET ROAD  
 SYRACUSE, NY  
 US 13206  
 Contact: JIM STRIGLE  
 JIM.STRIGLE@ALTG.COM  
 T: (315)437-2611  
 F: (315)434-9471



### OIL CONDITION

Visc @ 40°C	cSt	<b>191</b>	209	221	---
-------------	-----	------------	-----	-----	-----



### CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>5</b>	190	631	---
Sodium	ppm	<b>&lt;1</b>	5	22	---
Potassium	ppm	<b>&lt;1</b>	10	36	---

### Diagnosis

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



### WEAR METALS

Iron	ppm	<b>566</b>	2131	4564	---
Copper	ppm	<b>63</b>	641	1968	---
Lead	ppm	<b>0</b>	0	17	---
Tin	ppm	<b>19</b>	13	38	---
Aluminum	ppm	<b>&lt;1</b>	28	98	---
Chromium	ppm	<b>9</b>	34	68	---
Molybdenum	ppm	<b>24</b>	229	229	---
Nickel	ppm	<b>0</b>	2	4	---
Titanium	ppm	<b>0</b>	3	9	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>9</b>	14	30	---
Vanadium	ppm	<b>0</b>	<1	2	---



### ADDITIVES

Calcium	ppm	<b>8</b>	80	204	---
Magnesium	ppm	<b>2</b>	9	39	---
Zinc	ppm	<b>0</b>	19	38	---
Phosphorus	ppm	<b>504</b>	528	989	---
Barium	ppm	<b>0</b>	1	15	---
Boron	ppm	<b>6</b>	31	100	---

**Depot:** VOLV00142  
**Unique No:** 11059188  
**Signed:** Don Baldrige  
**Report Date:** 04 Jun 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

