



# CONSTRUCTION EQUIPMENT

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



**Sample No:** VCP435953  
**Oil Type:** SCHAEFFERS 80W90  
**Job No:** SWA563649



### SAMPLE INFORMATION

Sample Number	<b>VCP435953</b>	VCP433945	VCP400638	---
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 Chngd</b>	Changed	N/A	---
Sample Status	<b>NORMAL</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>141</b>	203	214	---
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### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<b>13</b>	84	297	---
Sodium	ppm	<b>14</b>	2	13	---
Potassium	ppm	<b>1</b>	7	23	---

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. 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>487</b>	1931	4235	---
Copper	ppm	<b>29</b>	1724	2457	---
Lead	ppm	<b>34</b>	0	21	---
Tin	ppm	<b>&lt;1</b>	13	20	---
Aluminum	ppm	<b>2</b>	17	63	---
Chromium	ppm	<b>6</b>	28	66	---
Molybdenum	ppm	<b>&lt;1</b>	179	242	---
Nickel	ppm	<b>0</b>	2	3	---
Titanium	ppm	<b>&lt;1</b>	2	7	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>6</b>	12	29	---
Vanadium	ppm	<b>0</b>	<1	2	---



### ADDITIVES

Calcium	ppm	<b>25</b>	45	199	---
Magnesium	ppm	<b>2</b>	5	31	---
Zinc	ppm	<b>6</b>	13	46	---
Phosphorus	ppm	<b>971</b>	452	1027	---
Barium	ppm	<b>43</b>	<1	12	---
Boron	ppm	<b>134</b>	33	114	---

**Depot:** VOLV00142  
**Unique No:** 11059187  
**Signed:** Don Baldrige  
**Report Date:** 04 Jun 2024



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## GRAPHS

