



# CONSTRUCTION EQUIPMENT

19095 GAINES RALEIGH VOLVO EC350EL 3 10871 - SWING DRIVE



**Sample No:** VCP426891  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 19095 GAINES RALEIGH



## SAMPLE INFORMATION

Sample Number	VCP426891	---	---	---
Sample Date	08 Jul 2023	---	---	---
Machine Hours	4953	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

**117 - ASCENDUM MACHINERY INC - GREENVILLE**  
 2002 N GREENE ST  
 GREENVILLE, NC  
 US 27834  
 Contact: BRANDON JENKINS  
 BRANDON.JENKINS@ASCENDUMMACHINERY.COM  
 T:  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 190	---	---	---
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## CONTAMINATION

Water	%	▲ 0.274	---	---	---
Silicon	ppm	█ 40	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 5	---	---	---



## WEAR METALS

Iron	ppm	● 2791	---	---	---
Copper	ppm	▲ 67	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 12	---	---	---
Chromium	ppm	● 42	---	---	---
Molybdenum	ppm	█ 3	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 33	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	█ 40	---	---	---
Magnesium	ppm	█ 5	---	---	---
Zinc	ppm	█ 142	---	---	---
Phosphorus	ppm	█ 1011	---	---	---
Barium	ppm	█ 6	---	---	---
Boron	ppm	█ 12	---	---	---

## Diagnosis

The oil 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. Gear wear is indicated. Bearing and/or bushing wear is indicated. There is a light concentration of water present in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

**Depot:** VOLVO8769  
**Unique No:** 10552884  
**Signed:** Don Baldrige  
**Report Date:** 14 Jul 2023



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## GRAPHS

