



# CONSTRUCTION EQUIPMENT

700695 RENTS VOLVO ECR355 314784 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP443785  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** 700695 RENTS



## SAMPLE INFORMATION

Sample Number	VCP443785	---	---	---
Sample Date	03 Apr 2024	---	---	---
Machine Hours	966	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC  
8418 PALM RIVER ROAD  
TAMPA, FL  
US 33619  
Contact: KENNY HANEY  
khaney@flaglerce.com  
T: (813)630-0077  
F: (813)630-2233



## OIL CONDITION

Visc @ 40°C	cSt	■ 207	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	▲ 127	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ 3	---	---	---

## Diagnosis

We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor. Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	▲ 533	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	● 21	---	---	---
Chromium	ppm	▲ 14	---	---	---
Molybdenum	ppm	■ 2	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	2	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 6	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	■ 37	---	---	---
Magnesium	ppm	■ 3	---	---	---
Zinc	ppm	■ 5	---	---	---
Phosphorus	ppm	■ 472	---	---	---
Barium	ppm	■ 2	---	---	---
Boron	ppm	■ 17	---	---	---

**Depot:** VOLVO0093  
**Unique No:** 10983546  
**Signed:** Jonathan Hester  
**Report Date:** 23 Apr 2024



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## VOLVO GRAPHS

