



CONSTRUCTION EQUIPMENT

5356-1 THOMAS BUILDE VOLVO ECR305C 1 10495 - REAR LEFT FINAL DRIVE



Sample No: VCP417186
Oil Type: NOT GIVEN
Job No: 5356-1 THOMAS BUILDE



SAMPLE INFORMATION

Sample Number	VCP417186	---	---	---
Sample Date	12 Jun 2023	---	---	---
Machine Hours	6054	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---

McClung-Logan Virginia LLC
2025 COOK DRIVE
SALEM, VA
US 24153
Contact: SCOTT CARR
scarr@mcclung-logan.com
T: (540)418-5218
F:



OIL CONDITION

Visc @ 40°C	cSt	425	---	---	---
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CONTAMINATION

Silicon	ppm	2654	---	---	---
Sodium	ppm	33	---	---	---
Potassium	ppm	127	---	---	---

Diagnosis
We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil is no longer serviceable due to the presence of contaminants.



WEAR METALS

Iron	ppm	9408	---	---	---
Copper	ppm	17	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	2	---	---	---
Aluminum	ppm	839	---	---	---
Chromium	ppm	94	---	---	---
Molybdenum	ppm	13	---	---	---
Nickel	ppm	9	---	---	---
Titanium	ppm	124	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	57	---	---	---
Vanadium	ppm	5	---	---	---



ADDITIVES

Calcium	ppm	116	---	---	---
Magnesium	ppm	98	---	---	---
Zinc	ppm	8	---	---	---
Phosphorus	ppm	435	---	---	---
Barium	ppm	5	---	---	---
Boron	ppm	44	---	---	---

Depot: VOLVO9010
Unique No: 10513400
Signed: Jonathan Hester
Report Date: 16 Jun 2023



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GRAPHS

