



CONSTRUCTION EQUIPMENT

X58889 VOLVO ECR145EL 315361 - REAR RIGHT FINAL DRIVE



Sample No: VCP426146

Oil Type: NOT GIVEN

Job No: X58889



SAMPLE INFORMATION

Sample Number	VCP426146	---	---	---
Sample Date	16 Nov 2023	---	---	---
Machine Hours	466	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

SCOTT EQUIPMENT COMPANY LLC - Saint Rose
 PO BOX 997
 SAINT ROSE, LA
 US 70087
 Contact: DANA FOSHEE
 dfoshee@scottcompanies.com
 T: (504)461-0961
 F: (504)461-0970



OIL CONDITION

Visc @ 40°C	cSt	█ 133	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The tin level is abnormal. All other metal levels are typical for a new component breaking in. 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	█ 318	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	▲ 29	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 6	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	6	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	43	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	31	---	---	---
Phosphorus	ppm	272	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	5	---	---	---

Depot: SCOSAI
Unique No: 10753457
Signed: Don Baldrige
Report Date: 24 Nov 2023



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VOLVO GRAPHS

