



CONSTRUCTION EQUIPMENT

RENTAL VOLVO ECR145EL 315482 - REAR RIGHT FINAL DRIVE



Sample No: VCP422947

Oil Type: VOLVO

Job No: RENTAL



SAMPLE INFORMATION

Sample Number	VCP422947	---	---	---
Sample Date	05 Jul 2023	---	---	---
Machine Hours	2063	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 241	---	---	---
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CONTAMINATION

Silicon	ppm	█ 25	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 0	---	---	---

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	█ 175	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 8	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	4	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	95	---	---	---
Magnesium	ppm	26	---	---	---
Zinc	ppm	143	---	---	---
Phosphorus	ppm	916	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	106	---	---	---

Depot: VOLVO0093
Unique No: 10552320
Signed: Don Baldrige
Report Date: 13 Jul 2023



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GRAPHS

