



CONSTRUCTION EQUIPMENT

RENTAL VOLVO ECR145EL 315482 - REAR LEFT FINAL DRIVE



Sample No: VCP422946
Oil Type: VOLVO GL5
Job No: RENTAL



SAMPLE INFORMATION

Sample Number	VCP422946	---	---	---
Sample Date	03 Jul 2023	---	---	---
Machine Hours	2063	---	---	---
Oil Hours	1500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 243	---	---	---
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CONTAMINATION

Silicon	ppm	█ 17	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 169	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 7	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	4	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	151	---	---	---
Magnesium	ppm	29	---	---	---
Zinc	ppm	175	---	---	---
Phosphorus	ppm	938	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	118	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of metal. Resample at the next service interval to monitor. High concentration of visible metal present. 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.

Depot: VOLVO0093
Unique No: 10552319
Signed: Don Baldrige
Report Date: 13 Jul 2023



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GRAPHS

