



CONSTRUCTION EQUIPMENT

RENTAL VOLVO EC550 310231 - RIGHT SWING DRIVE



Sample No: VCP428753

Oil Type: {unknown}

Job No: RENTAL



SAMPLE INFORMATION

Sample Number	VCP428753	---	---	---
Sample Date	12 Dec 2023	---	---	---
Machine Hours	598	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 140	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 23	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 114	---	---	---
Copper	ppm	▲ 143	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 5	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	10	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	39	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	101	---	---	---
Phosphorus	ppm	312	---	---	---
Barium	ppm	3	---	---	---
Boron	ppm	0	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper 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.

Depot: VOLVO0093
Unique No: 10871398
Signed: Don Baldrige
Report Date: 11 Feb 2024



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GRAPHS

