



CONSTRUCTION EQUIPMENT

13908 HERC VOLVO EC350E 314440 - SWING DRIVE



Sample No: VCP409440
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 13908 HERC



MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND
 1345 MOUNTAIN ROAD
 GLEN ALLEN, VA
 US 23060
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SAMPLE INFORMATION

Sample Number	VCP409440	---	---	---
Sample Date	30 Nov 2023	---	---	---
Machine Hours	994	---	---	---
Oil Hours	994	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 172	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 1	---	---	---



WEAR METALS

Iron	ppm	█ 336	---	---	---
Copper	ppm	▲ 88	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 7	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 61	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 75	---	---	---
Phosphorus	ppm	█ 315	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 3	---	---	---

Diagnosis

No corrective action is recommended at this time. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. The copper level is abnormal. All other 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: VOLVO8882
Unique No: 10769941
Signed: Sean Felton
Report Date: 07 Dec 2023



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GRAPHS

