



CONSTRUCTION EQUIPMENT

473401 SENNEBOGEN 830 830.0.35 16 - REAR RIGHT FINAL DRIVE



Sample No: VCP433775
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 473401



SAMPLE INFORMATION

Sample Number	VCP433775	---	---	---
Sample Date	12 Apr 2024	---	---	---
Machine Hours	2053	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY

1035 WYLIE DRIVE
BLOOMINGTON, IL
US 61705

Contact: MIKE MARTIN
mike.martin@altaequipment.com

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F:



OIL CONDITION

Visc @ 40°C	cSt	█ 144	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 8	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 64	---	---	---
Copper	ppm	▲ 59	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 21	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 52	---	---	---
Phosphorus	ppm	█ 2615	---	---	---
Barium	ppm	█ 48	---	---	---
Boron	ppm	█ 254	---	---	---

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 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: VOLVO5054
Unique No: 10983586
Signed: Sean Felton
Report Date: 22 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

