



CONSTRUCTION EQUIPMENT

367252-1 SENNEBOGEN 835 835.0.2949 - FRONT LEFT FINAL DRIVE



Sample No: VCP396389
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 367252-1



SAMPLE INFORMATION

Sample Number	VCP396389	VCP363694	---	---
Sample Date	10 Oct 2023	01 Nov 2022	---	---
Machine Hours	4362	1872	---	---
Oil Hours	2000	2000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

ALTA EQUIPMENT COMPANY

1035 WYLIE DRIVE
 BLOOMINGTON, IL
 US 61705

Contact: MIKE MARTIN
 mike.martin@altaequipment.com

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OIL CONDITION

Visc @ 40°C	cSt	141	152	---	---
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CONTAMINATION

Silicon	ppm	7	3	---	---
Sodium	ppm	4	2	---	---
Potassium	ppm	0	1	---	---



WEAR METALS

Iron	ppm	▲ 641	175	---	---
Copper	ppm	▲ 202	117	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	8	5	---	---
Chromium	ppm	3	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	15	7	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	223	6	---	---
Magnesium	ppm	6	1	---	---
Zinc	ppm	241	97	---	---
Phosphorus	ppm	1733	1797	---	---
Barium	ppm	15	18	---	---
Boron	ppm	108	100	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Moderate concentration of visible metal present. Bearing and/or gear wear is indicated. 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: 10699928
Signed: Jonathan Hester
Report Date: 20 Oct 2023



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GRAPHS

