



CONSTRUCTION EQUIPMENT

SIMS SENNEBOGEN 830 830.0.3197 - FRONT AXLE



Sample No: VCP430811
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SIMS



SAMPLE INFORMATION

Sample Number	VCP430811	---	---	---
Sample Date	17 Nov 2023	---	---	---
Machine Hours	2861	---	---	---
Oil Hours	800	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

GREEN MACHINE SERVICES LLC

13 SPYROS DRIVE
 SOUTH AMBOY, NJ
 US 08879

Contact: JOE GRZANKOWSKI
 JOE@GREENMSRV.COM

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F:



OIL CONDITION

Visc @ 40°C	cSt	█ 123	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---



WEAR METALS

Iron	ppm	█ 12	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 30	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 5	---	---	---
Phosphorus	ppm	█ 386	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 5	---	---	---

Diagnosis

Resample at the next service interval to monitor. 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: GRESOUNJ

Unique No: 10756749

Signed: Jonathan Hester

Report Date: 29 Nov 2023



CONSTRUCTION EQUIPMENT



GRAPHS

