



CONSTRUCTION EQUIPMENT

SPM621075 FERROUS SENNEBOGEN 830 830.0.2885 - FRONT RIGHT FINAL DRIVE



Sample No: VCP429710
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SPM621075 FERROUS



SAMPLE INFORMATION

Sample Number	VCP429710	VCP316332	---	---
Sample Date	24 Oct 2023	19 Feb 2021	---	---
Machine Hours	4786	1212	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 132	▲ 55.4	---	---
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CONTAMINATION

Silicon	ppm	█ <1	█ 7	---	---
Sodium	ppm	█ 4	█ 19	---	---
Potassium	ppm	█ <1	█ 0	---	---

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.



WEAR METALS

Iron	ppm	█ 18	█ 54	---	---
Copper	ppm	█ 4	█ 20	---	---
Lead	ppm	█ 0	█ 2	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 0	█ 4	---	---
Chromium	ppm	█ 0	█ 1	---	---
Molybdenum	ppm	█ <1	█ <1	---	---
Nickel	ppm	█ 0	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	█ 0	█ 2	---	---
Vanadium	ppm	0	1	---	---



ADDITIVES

Calcium	ppm	116	█ 3594	---	---
Magnesium	ppm	█ 5	█ 10	---	---
Zinc	ppm	█ 68	█ 1413	---	---
Phosphorus	ppm	█ 780	█ 1038	---	---
Barium	ppm	█ 0	█ 1	---	---
Boron	ppm	█ 75	█ 94	---	---

Depot: VOLVO5023
Unique No: 10727766
Signed: Wes Davis
Report Date: 07 Nov 2023



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GRAPHS

