



CONSTRUCTION EQUIPMENT

SWA474720-1 SENNEBOGEN 835 835.0.2487 - REAR LEFT FINAL DRIVE



Sample No: VCP431479
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SWA474720-1



SAMPLE INFORMATION

Sample Number	VCP431479	VCP396376	---	---
Sample Date	05 Feb 2024	09 Oct 2023	---	---
Machine Hours	11725	11163	---	---
Oil Hours	500	2000	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 148	█ 148	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 4	█ 3	---	---
Sodium	ppm	█ 0	█ 0	---	---
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	█ 31	█ 20	---	---
Copper	ppm	█ 31	█ 24	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 2	█ 0	---	---
Chromium	ppm	█ <1	█ 0	---	---
Molybdenum	ppm	█ 0	█ 0	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 0	█ <1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	█ 16	█ 18	---	---
Magnesium	ppm	█ 8	█ 10	---	---
Zinc	ppm	█ 29	█ 26	---	---
Phosphorus	ppm	1644	1871	---	---
Barium	ppm	█ <1	█ <1	---	---
Boron	ppm	█ 147	█ 106	---	---

Depot: VOLVO5054
Unique No: 10888741
Signed: Wes Davis
Report Date: 22 Feb 2024



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GRAPHS

