



CONSTRUCTION EQUIPMENT

621519 SIMS SENNEBOGEN 835 2069 - REAR AXLE



Sample No: VCP379954
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 621519 SIMS



SAMPLE INFORMATION

Sample Number	VCP379954	---	---	---
Sample Date	28 Oct 2023	---	---	---
Machine Hours	10627	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 140	---	---	---
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CONTAMINATION

Silicon	ppm	█ <1	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ <1	---	---	---

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



ADDITIVES

Calcium	ppm	█ 6	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 7	---	---	---
Phosphorus	ppm	█ 526	---	---	---
Barium	ppm	█ 5	---	---	---
Boron	ppm	█ 2	---	---	---

Depot: VOLVO5023
Unique No: 10729141
Signed: Don Baldrige
Report Date: 09 Nov 2023



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GRAPHS

