



CONSTRUCTION EQUIPMENT

1202 SIMS SENNEBOGEN 835 835.0.2356 - FRONT RIGHT FINAL DRIVE



Sample No: VCP442133
Oil Type: MOBIL 75W90
Job No: 1202 SIMS



SAMPLE INFORMATION

Sample Number	VCP442133	VCP390380	---	---
Sample Date	28 Oct 2023	17 Dec 2022	---	---
Machine Hours	10201	8559	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

VCES- VOLVO CONSTRUCTION EQUIPMENT

8594 FRUITRIDGE ROAD
SACRAMENTO, CA
US 95826
Contact: RAY KRANZUSCH
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T:
F:



OIL CONDITION

Visc @ 40°C	cSt	█ 119	█ 113	---	---
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CONTAMINATION

Silicon	ppm	█ 6	█ 11	---	---
Sodium	ppm	█ 1	█ 0	---	---
Potassium	ppm	█ <1	█ 2	---	---

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	█ 111	█ 174	---	---
Copper	ppm	█ 3	█ 8	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ <1	█ 2	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 0	█ 0	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ 2	█ 3	---	---
Vanadium	ppm	█ 0	█ 0	---	---



ADDITIVES

Calcium	ppm	█ 26	█ 10	---	---
Magnesium	ppm	█ 7	█ 2	---	---
Zinc	ppm	█ 45	█ 17	---	---
Phosphorus	ppm	█ 986	█ 1257	---	---
Barium	ppm	█ 3	█ 0	---	---
Boron	ppm	█ 195	█ 265	---	---

Depot: VOLVO4485
Unique No: 10736937
Signed: Wes Davis
Report Date: 10 Nov 2023



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GRAPHS

