



CONSTRUCTION EQUIPMENT

SENNEBOGEN 840ME 840.0.2170 - FRONT AXLE



Sample No: VCP396697
Oil Type: GEAR OIL SAE 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP396697	VCP344706	---	---
Sample Date	14 Aug 2023	08 Oct 2021	---	---
Machine Hours	8508	4315	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	146	148	---	---
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CONTAMINATION

Silicon	ppm	2	0	---	---
Sodium	ppm	0	0	---	---
Potassium	ppm	0	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	2	2	---	---
Copper	ppm	0	0	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	0	---	---
Chromium	ppm	0	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	3	0	---	---
Magnesium	ppm	1	0	---	---
Zinc	ppm	5	5	---	---
Phosphorus	ppm	2103	1862	---	---
Barium	ppm	0	0	---	---
Boron	ppm	166	186	---	---

Depot: VOLVO5055
Unique No: 10609004
Signed: Sean Felton
Report Date: 21 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

