



CONSTRUCTION EQUIPMENT

SPM621371 SENNEBOGEN 835M 835.0.3000 - FRONT AXLE



Sample No: VCP433675
Oil Type: GEAR OIL SAE 80W90
Job No: SPM621371



SAMPLE INFORMATION

Sample Number	VCP433675	VCP407615	VCP399742	---
Sample Date	26 Oct 2023	25 May 2023	21 Mar 2023	---
Machine Hours	4088	3007	2502	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

BELSON STEEL
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OIL CONDITION

Visc @ 40°C	cSt	134	196	193	---
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CONTAMINATION

Silicon	ppm	4	20	24	---
Sodium	ppm	<1	<1	<1	---
Potassium	ppm	0	<1	<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	13	4	33	---
Copper	ppm	22	16	9	---
Lead	ppm	0	0	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	0	0	1	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	0	2	2	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	49	2179	2371	---
Magnesium	ppm	0	33	29	---
Zinc	ppm	38	986	1025	---
Phosphorus	ppm	433	840	1002	---
Barium	ppm	0	7	34	---
Boron	ppm	2	0	1	---

Depot: BELBOU
Unique No: 10726653
Signed: Wes Davis
Report Date: 06 Nov 2023



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GRAPHS

