



CONSTRUCTION EQUIPMENT

SPM660156 SENNEBOGEN 835ME 835.0.3070 - REAR RIGHT FINAL DRIVE



Sample No: VCP421618
Oil Type: GEAR OIL SAE 80W90
Job No: SPM660156



SAMPLE INFORMATION

Sample Number	VCP421618	VCP411426	VCP402117	---
Sample Date	11 Jan 2024	11 Aug 2023	20 Mar 2023	---
Machine Hours	3166	2080	1076	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

BELSON STEEL
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F:

OIL CONDITION

Visc @ 40°C	cSt	187	140	185	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	14	6	7	---
Sodium	ppm	2	<1	3	---
Potassium	ppm	<1	0	<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	53	62	82	---
Copper	ppm	13	11	16	---
Lead	ppm	<1	0	0	---
Tin	ppm	<1	<1	0	---
Aluminum	ppm	<1	0	<1	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	1	<1	<1	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	1	2	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	2071	16	13	---
Magnesium	ppm	34	0	1	---
Zinc	ppm	931	15	16	---
Phosphorus	ppm	873	806	1310	---
Barium	ppm	4	32	371	---
Boron	ppm	9	21	2	---

Depot: BELBOU
Unique No: 10900227
Signed: Jonathan Hester
Report Date: 29 Feb 2024



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GRAPHS

