



CONSTRUCTION EQUIPMENT

SPM593279 SENNEBOGEN 835ME 835.0.3070 - REAR LEFT FINAL DRIVE



Sample No: VCP411406
Oil Type: GEAR OIL SAE 80W90
Job No: SPM593279



SAMPLE INFORMATION

Sample Number	VCP411406	VCP402114	---	---
Sample Date	11 Aug 2023	20 Mar 2023	---	---
Machine Hours	2080	1076	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

BELSON STEEL

1685 N STATE RTE 50
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OIL CONDITION

Visc @ 40°C	cSt	█ 140	█ 184	---	---
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CONTAMINATION

Silicon	ppm	█ 3	█ 6	---	---
Sodium	ppm	█ 1	█ 3	---	---
Potassium	ppm	█ <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	█ 60	█ 39	---	---
Copper	ppm	█ 11	█ 10	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ <1	█ 0	---	---
Aluminum	ppm	█ 0	█ 0	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ <1	█ <1	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 1	█ 1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 14	█ 13	---	---
Magnesium	ppm	█ 0	█ 1	---	---
Zinc	ppm	█ 16	█ 12	---	---
Phosphorus	ppm	█ 783	█ 1238	---	---
Barium	ppm	█ 33	█ 336	---	---
Boron	ppm	█ 22	█ 1	---	---

Depot: BELBOU
Unique No: 10616417
Signed: Don Baldrige
Report Date: 23 Aug 2023



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GRAPHS

