



CONSTRUCTION EQUIPMENT

SPM593279 SENNEBOGEN 835ME 835.0.3070 - LEFT SWING DRIVE



Sample No: VCP411399

Oil Type: SHELL 220

Job No: SPM593279



SAMPLE INFORMATION

Sample Number	VCP411399	VCP402105	---	---
Sample Date	11 Aug 2023	20 Mar 2023	---	---
Machine Hours	2080	1076	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	ABNORMAL	MARGINAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	196	191	---	---
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CONTAMINATION

Water	%	---	▲ 0.111	---	---
Silicon	ppm	5	5	---	---
Sodium	ppm	2	<1	---	---
Potassium	ppm	<1	1	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other 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	▲ 419	303	---	---
Copper	ppm	44	29	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	5	3	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	3	2	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	23	13	---	---
Magnesium	ppm	0	<1	---	---
Zinc	ppm	145	80	---	---
Phosphorus	ppm	311	363	---	---
Barium	ppm	0	1	---	---
Boron	ppm	9	7	---	---

Depot: BELBOU
Unique No: 10616420
Signed: Don Baldrige
Report Date: 23 Aug 2023



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GRAPHS

