



CONSTRUCTION EQUIPMENT

SPM688436 SENNEBOGEN 835ME 835.0.3070 - LEFT SWING DRIVE



Sample No: VCP427258
Oil Type: SHELL OMALA 220
Job No: SPM688436



SAMPLE INFORMATION

Sample Number	VCP427258	VCP411399	VCP402105	---
Sample Date	22 Mar 2024	11 Aug 2023	20 Mar 2023	---
Machine Hours	3312	2080	1076	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Changed	Not Chngd	---
Sample Status	NORMAL	ABNORMAL	MARGINAL	---

BELSON STEEL

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OIL CONDITION

Visc @ 40°C	cSt	195	196	191	---
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CONTAMINATION

Water	%	NEG	NEG	▲ 0.111	---
Silicon	ppm	21	5	5	---
Sodium	ppm	2	2	<1	---
Potassium	ppm	<1	<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	107	▲ 419	303	---
Copper	ppm	43	44	29	---
Lead	ppm	<1	<1	<1	---
Tin	ppm	<1	5	3	---
Aluminum	ppm	<1	0	<1	---
Chromium	ppm	0	3	2	---
Molybdenum	ppm	1	<1	<1	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	3	4	3	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	2184	23	13	---
Magnesium	ppm	36	0	<1	---
Zinc	ppm	1002	145	80	---
Phosphorus	ppm	890	311	363	---
Barium	ppm	11	0	1	---
Boron	ppm	15	9	7	---

Depot: BELBOU
Unique No: 10990274
Signed: Don Baldrige
Report Date: 23 Apr 2024



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GRAPHS

