



CONSTRUCTION EQUIPMENT

SPM593279 SENNEBOGEN 835ME 835.0.3070 - RIGHT SWING DRIVE



Sample No: VCP411397

Oil Type: SHELL 220

Job No: SPM593279



SAMPLE INFORMATION

Sample Number	VCP411397	VCP402107	---	---
Sample Date	11 Aug 2023	20 Mar 2023	---	---
Machine Hours	2080	1076	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	ABNORMAL	NORMAL	---	---



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OIL CONDITION

Visc @ 40°C	cSt	211	211	---	---
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CONTAMINATION

Water	%	0.424	---	---	---
Silicon	ppm	4	6	---	---
Sodium	ppm	3	1	---	---
Potassium	ppm	1	1	---	---



WEAR METALS

Iron	ppm	379	293	---	---
Copper	ppm	48	44	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	5	4	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	2	2	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	7	7	---	---
Magnesium	ppm	0	<1	---	---
Zinc	ppm	76	41	---	---
Phosphorus	ppm	381	442	---	---
Barium	ppm	0	1	---	---
Boron	ppm	11	15	---	---

Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: BELBOU
Unique No: 10616415
Signed: Sean Felton
Report Date: 24 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

