



CONSTRUCTION EQUIPMENT

SPM593192 SENNEBGEN 835ME 835.0.2845 - LEFT SWING DRIVE



Sample No: VCP406640

Oil Type: SHELL 220

Job No: SPM593192



SAMPLE INFORMATION

Sample Number	VCP406640	VCP400513	VCP378908	VCP333492
Sample Date	04 Aug 2023	22 Mar 2023	23 May 2022	11 Jan 2022
Machine Hours	5542	4535	2518	1444
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	ABNORMAL

BELSON STEEL
 1685 N STATE RTE 50
 BOURBONNAIS, IL
 US 60914
 Contact: M. POZAN
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 F:



OIL CONDITION

Visc @ 40°C	cSt	224	218	208	215
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CONTAMINATION

Silicon	ppm	17	23	5	4
Sodium	ppm	0	<1	<1	3
Potassium	ppm	<1	1	2	2

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. 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	403	453	793	481
Copper	ppm	60	91	126	49
Lead	ppm	0	0	0	<1
Tin	ppm	8	9	12	4
Aluminum	ppm	<1	<1	<1	1
Chromium	ppm	3	4	5	3
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	<1	<1	0	2
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	4	4	7	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	45	88	229	10
Magnesium	ppm	<1	1	3	1
Zinc	ppm	71	82	158	72
Phosphorus	ppm	363	478	406	330
Barium	ppm	1	0	0	<1
Boron	ppm	2	5	20	14

Depot: BELBOU
Unique No: 10602476
Signed: Sean Felton
Report Date: 14 Aug 2023



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GRAPHS

