



CONSTRUCTION EQUIPMENT

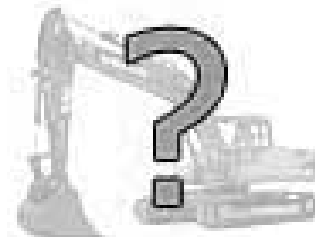
SPM595860 SENNEBOGEN 835ME 835.0.2718 - RIGHT SWING DRIVE



Sample No: VCP415014

Oil Type: SHELL 220

Job No: SPM595860



SAMPLE INFORMATION

Sample Number	VCP415014	VCP423385	VCP399956	VCP373893
Sample Date	12 Sep 2023	25 May 2023	28 Feb 2023	06 Jul 2022
Machine Hours	8383	7855	7325	5783
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

BELSON STEEL
 1685 N STATE RTE 50
 BOURBONNAIS, IL
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OIL CONDITION

Visc @ 40°C	cSt	217	211	205	194
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CONTAMINATION

Silicon	ppm	16	17	22	17
Sodium	ppm	0	0	1	0
Potassium	ppm	1	1	<1	0

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	78	40	54	137
Copper	ppm	112	30	29	450
Lead	ppm	0	0	0	<1
Tin	ppm	3	2	2	13
Aluminum	ppm	1	0	<1	2
Chromium	ppm	<1	0	0	1
Molybdenum	ppm	<1	0	<1	2
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	110	139	409	1824
Magnesium	ppm	2	5	7	15
Zinc	ppm	155	67	160	758
Phosphorus	ppm	407	449	513	636
Barium	ppm	0	0	0	<1
Boron	ppm	0	0	4	12

Depot: BELBOU
Unique No: 10658499
Signed: Don Baldrige
Report Date: 22 Sep 2023



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VOLVO GRAPHS

