



CONSTRUCTION EQUIPMENT

SPM673743 SENNEBGEN 835ME 835.0.2845 - RIGHT SWING DRIVE



Sample No: VCP437166
Oil Type: MOBIL SHC 630
Job No: SPM673743



SAMPLE INFORMATION

Sample Number	VCP437166	VCP433300	VCP406648	VCP400516
Sample Date	07 Feb 2024	10 Nov 2023	04 Aug 2023	22 Mar 2023
Machine Hours	6681	6145	5542	4535
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

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	221	222	223	222
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CONTAMINATION

Water	%	0.057	NEG	NEG	0.050
Silicon	ppm	18	16	20	21
Sodium	ppm	0	2	<1	<1
Potassium	ppm	<1	5	<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	125	376	392	268
Copper	ppm	35	85	103	75
Lead	ppm	0	0	0	0
Tin	ppm	3	10	▲ 12	8
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	<1	3	3	2
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	3	4	3
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	12	12	42	57
Magnesium	ppm	3	0	<1	1
Zinc	ppm	9	60	70	66
Phosphorus	ppm	407	389	395	476
Barium	ppm	0	0	1	0
Boron	ppm	0	2	5	3

Depot: BELBOU
Unique No: 10900237
Signed: Jonathan Hester
Report Date: 29 Feb 2024



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GRAPHS

