



# CONSTRUCTION EQUIPMENT

SPM701405 SENNEBOGEN 835ME 835.0.2718 - RIGHT SWING DRIVE



**Sample No:** VCP437974  
**Oil Type:** MOBIL SHC 630  
**Job No:** SPM701405



## SAMPLE INFORMATION

Sample Number	<b>VCP437974</b>	VCP415014	VCP423385	VCP399956
Sample Date	<b>12 Apr 2024</b>	12 Sep 2023	25 May 2023	28 Feb 2023
Machine Hours	<b>9760</b>	8383	7855	7325
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Changed	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### BELSON STEEL

1685 N STATE RTE 50  
BOURBONNAIS, IL  
US 60914

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F:



## OIL CONDITION

Visc @ 40°C	cSt	<b>221</b>	217	211	205
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>25</b>	16	17	22
Sodium	ppm	<b>0</b>	0	0	1
Potassium	ppm	<b>0</b>	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	<b>210</b>	78	40	54
Copper	ppm	<b>124</b>	112	30	29
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>7</b>	3	2	2
Aluminum	ppm	<b>0</b>	1	0	<1
Chromium	ppm	<b>&lt;1</b>	<1	0	0
Molybdenum	ppm	<b>0</b>	<1	0	<1
Nickel	ppm	<b>0</b>	0	0	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>207</b>	110	139	409
Magnesium	ppm	<b>2</b>	2	5	7
Zinc	ppm	<b>114</b>	155	67	160
Phosphorus	ppm	<b>505</b>	407	449	513
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>5</b>	0	0	4

**Depot:** BELBOU  
**Unique No:** 10996156  
**Signed:** Jonathan Hester  
**Report Date:** 30 Apr 2024



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## VOLVO GRAPHS

