



# CONSTRUCTION EQUIPMENT

SPM701405 SENNEBOGEN 835ME 835.0.2718 - LEFT SWING DRIVE



**Sample No:** VCP437968  
**Oil Type:** MOBIL SHC 630  
**Job No:** SPM701405



## SAMPLE INFORMATION

Sample Number	<b>VCP437968</b>	VCP415012	VCP423381	VCP399961
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>ABNORMAL</b>	NORMAL	ABNORMAL	ABNORMAL

**BELSON STEEL**  
1685 N STATE RTE 50  
BOURBONNAIS, IL  
US 60914  
Contact: M. POZAN  
mpozan@belsonsteel.com  
T: (815)932-7416  
F:



## OIL CONDITION

Visc @ 40°C	cSt	<b>222</b>	221	212	214
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## CONTAMINATION

Water	%	<b>0.526</b>	NEG	0.090	<b>0.584</b>
Silicon	ppm	<b>15</b>	24	11	26
Sodium	ppm	<b>0</b>	0	0	<1
Potassium	ppm	<b>0</b>	<1	1	<1

## Diagnosis

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



## WEAR METALS

Iron	ppm	<b>130</b>	86	102	146
Copper	ppm	<b>161</b>	99	82	94
Lead	ppm	<b>0</b>	<1	0	0
Tin	ppm	<b>5</b>	5	3	6
Aluminum	ppm	<b>0</b>	1	0	1
Chromium	ppm	<b>&lt;1</b>	<1	<1	1
Molybdenum	ppm	<b>0</b>	0	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>112</b>	182	67	456
Magnesium	ppm	<b>2</b>	2	4	11
Zinc	ppm	<b>131</b>	129	59	206
Phosphorus	ppm	<b>406</b>	468	393	531
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>&lt;1</b>	3	0	5

**Depot:** BELBOU  
**Unique No:** 10996152  
**Signed:** Jonathan Hester  
**Report Date:** 30 Apr 2024



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## GRAPHS

