



# CONSTRUCTION EQUIPMENT

SPM621713 BL DUKE SENNEBOGEN 835M 835.0.2811 - LEFT SWING DRIVE



**Sample No:** VCP425289  
**Oil Type:** MOBIL SHC 630  
**Job No:** SPM621713 BL DUKE



## SAMPLE INFORMATION

Sample Number	<b>VCP425289</b>	VCP422588	VCP3900000	VCP365793
Sample Date	<b>18 Oct 2023</b>	04 May 2023	01 Mar 2023	18 Oct 2022
Machine Hours	<b>5187</b>	4011	3580	2580
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	Not Changd	Not Changd
Sample Status	<b>SEVERE</b>	SEVERE	ABNORMAL	NORMAL

**ALTA EQUIPMENT CO - ORLAND PARK**  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>207</b>	205	200	199
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## CONTAMINATION

Water	%	<b>1.02</b>	1.79	---	---
Silicon	ppm	<b>23</b>	21	16	17
Sodium	ppm	<b>&lt;1</b>	2	0	<1
Potassium	ppm	<b>0</b>	2	3	0

## Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

## WEAR METALS

Iron	ppm	<b>91</b>	269	238	166
Copper	ppm	<b>146</b>	263	393	179
Lead	ppm	<b>&lt;1</b>	<1	<1	2
Tin	ppm	<b>10</b>	20	20	8
Aluminum	ppm	<b>0</b>	2	3	2
Chromium	ppm	<b>0</b>	2	2	1
Molybdenum	ppm	<b>2</b>	1	2	2
Nickel	ppm	<b>0</b>	<1	<1	<1
Titanium	ppm	<b>0</b>	<1	<1	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>0</b>	3	2	2
Vanadium	ppm	<b>0</b>	<1	0	0

## ADDITIVES

Calcium	ppm	<b>2713</b>	1802	1946	1754
Magnesium	ppm	<b>58</b>	19	17	16
Zinc	ppm	<b>1082</b>	965	959	966
Phosphorus	ppm	<b>941</b>	753	751	759
Barium	ppm	<b>2</b>	0	0	0
Boron	ppm	<b>9</b>	15	13	15

**Depot:** VOLVO8885  
**Unique No:** 10738456  
**Signed:** Sean Felton  
**Report Date:** 14 Nov 2023



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## VOLVO GRAPHS

