



# CONSTRUCTION EQUIPMENT

## SPM621705 BL DUKE SENNOBOGEN 835M 835.0.2625 - LEFT SWING DRIVE



**Sample No:** VCP425314  
**Oil Type:** MOBIL SHC 630  
**Job No:** SPM621705 BL DUKE



### SAMPLE INFORMATION

Sample Number	<b>VCP425314</b>	VCP415218	VCP380527	VCP354604
Sample Date	<b>18 Oct 2023</b>	12 Sep 2023	17 Feb 2023	13 Apr 2022
Machine Hours	<b>4991</b>	4620	3163	1220
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Chngd	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	ABNORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>187</b>	185	181	204
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### CONTAMINATION

Silicon	ppm	<b>15</b>	20	15	3
Sodium	ppm	<b>&lt;1</b>	0	<1	2
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>53</b>	54	197	▲ 451
Copper	ppm	<b>40</b>	68	▲ 218	62
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>&lt;1</b>	3	8	6
Aluminum	ppm	<b>0</b>	3	3	1
Chromium	ppm	<b>0</b>	<1	2	3
Molybdenum	ppm	<b>&lt;1</b>	4	3	<1
Nickel	ppm	<b>0</b>	0	<1	<1
Titanium	ppm	<b>0</b>	0	<1	0
Silver	ppm	<b>0</b>	0	<1	<1
Manganese	ppm	<b>0</b>	<1	2	4
Vanadium	ppm	<b>0</b>	0	<1	0



### ADDITIVES

Calcium	ppm	<b>2471</b>	2632	2873	16
Magnesium	ppm	<b>45</b>	56	45	2
Zinc	ppm	<b>1040</b>	1016	1053	84
Phosphorus	ppm	<b>885</b>	853	918	411
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>9</b>	7	16	17

**Depot:** VOLVO8885  
**Unique No:** 10738460  
**Signed:** Sean Felton  
**Report Date:** 14 Nov 2023



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## GRAPHS

