



# CONSTRUCTION EQUIPMENT

SPM621705 BL DUKE SENNOBOGEN 835M 835.0.2625 - RIGHT SWING DRIVE



**Sample No:** VCP425311  
**Oil Type:** MOBIL SHC 630  
**Job No:** SPM621705 BL DUKE



## SAMPLE INFORMATION

Sample Number	<b>VCP425311</b>	VCP415217	VCP397575	VCP358199
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	NORMAL	ABNORMAL

**ALTA EQUIPMENT CO - ORLAND PARK**  
5000 INDUSTRIAL HWY  
GARY, IN  
US 46406  
Contact: DAVE ENG  
DAVE.ENG@ALTG.COM  
T: (312)350-2560  
F:



## OIL CONDITION

Visc @ 40°C	cSt	<b>189</b>	188	183	216
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## CONTAMINATION

Silicon	ppm	<b>18</b>	21	10	20
Sodium	ppm	<b>0</b>	0	2	1
Potassium	ppm	<b>0</b>	2	2	4

## 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>77</b>	51	200	▲ 419
Copper	ppm	<b>94</b>	73	119	116
Lead	ppm	<b>0</b>	0	<1	<1
Tin	ppm	<b>3</b>	3	6	17
Aluminum	ppm	<b>0</b>	3	2	2
Chromium	ppm	<b>0</b>	<1	1	2
Molybdenum	ppm	<b>1</b>	3	3	<1
Nickel	ppm	<b>0</b>	0	<1	1
Titanium	ppm	<b>0</b>	0	0	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>2516</b>	2686	2798	11
Magnesium	ppm	<b>45</b>	49	35	1
Zinc	ppm	<b>1015</b>	1035	1024	107
Phosphorus	ppm	<b>867</b>	877	888	455
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>4</b>	8	24	4

**Depot:** VOLVO8885  
**Unique No:** 10738461  
**Signed:** Sean Felton  
**Report Date:** 14 Nov 2023



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## GRAPHS

