



# CONSTRUCTION EQUIPMENT

SPM703242 BL DUKE SENNOBOGEN 835M 835.0.2625 - LEFT SWING DRIVE



**Sample No:** VCP447030  
**Oil Type:** GEAR OIL ISO 220  
**Job No:** SPM703242 BL DUKE



## SAMPLE INFORMATION

Sample Number	<b>VCP447030</b>	VCP425314	VCP415218	VCP380527
Sample Date	<b>01 May 2024</b>	18 Oct 2023	12 Sep 2023	17 Feb 2023
Machine Hours	<b>6135</b>	4991	4620	3163
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	Not Changd	Changed
Sample Status	<b>ATTENTION</b>	NORMAL	NORMAL	ABNORMAL

**ALTA EQUIPMENT CO - ORLAND PARK**  
5000 INDUSTRIAL HWY  
GARY, IN  
US 46406  
Contact: MARK DEROSA  
mark.derosa@altg.com  
T: (248)356-5200  
F:



## OIL CONDITION

Visc @ 40°C	cSt	<b>159</b>	187	185	181
-------------	-----	------------	-----	-----	-----



## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>19</b>	15	20	15
Sodium	ppm	<b>0</b>	<1	0	<1
Potassium	ppm	<b>2</b>	0	1	1

## Diagnosis

The oil change at the time of sampling has been noted. 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 oil viscosity is lower than normal.



## WEAR METALS

Iron	ppm	<b>197</b>	53	54	197
Copper	ppm	<b>140</b>	40	68	218
Lead	ppm	<b>&lt;1</b>	0	0	0
Tin	ppm	<b>7</b>	<1	3	8
Aluminum	ppm	<b>2</b>	0	3	3
Chromium	ppm	<b>1</b>	0	<1	2
Molybdenum	ppm	<b>2</b>	<1	4	3
Nickel	ppm	<b>&lt;1</b>	0	0	<1
Titanium	ppm	<b>&lt;1</b>	0	0	<1
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>2</b>	0	<1	2
Vanadium	ppm	<b>0</b>	0	0	<1



## ADDITIVES

Calcium	ppm	<b>1352</b>	2471	2632	2873
Magnesium	ppm	<b>41</b>	45	56	45
Zinc	ppm	<b>537</b>	1040	1016	1053
Phosphorus	ppm	<b>698</b>	885	853	918
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>11</b>	9	7	16

**Depot:** VOLVO8885  
**Unique No:** 11017775  
**Signed:** Don Baldrige  
**Report Date:** 09 May 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

