



# CONSTRUCTION EQUIPMENT

SPM703242 BL DUKE SENNOBOGEN 835M 835.0.2625 - REAR LEFT FINAL DRIVE



**Sample No:** VCP447029  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM703242 BL DUKE



## SAMPLE INFORMATION

Sample Number	<b>VCP447029</b>	VCP447027	VCP425307	VCP354526
Sample Date	<b>01 May 2024</b>	01 May 2024	18 Oct 2023	13 Apr 2022
Machine Hours	<b>6131</b>	6131	4991	1220
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**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>147</b>	149	186	184
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>4</b>	5	4	3
Sodium	ppm	<b>&lt;1</b>	<1	4	4
Potassium	ppm	<b>1</b>	1	0	0

## 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>90</b>	116	188	42
Copper	ppm	<b>8</b>	8	26	10
Lead	ppm	<b>&lt;1</b>	<1	0	0
Tin	ppm	<b>&lt;1</b>	<1	0	<1
Aluminum	ppm	<b>2</b>	2	0	<1
Chromium	ppm	<b>&lt;1</b>	<1	0	<1
Molybdenum	ppm	<b>1</b>	1	0	<1
Nickel	ppm	<b>&lt;1</b>	<1	0	0
Titanium	ppm	<b>&lt;1</b>	<1	0	0
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>2</b>	2	3	2
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>155</b>	172	346	14
Magnesium	ppm	<b>26</b>	20	5	<1
Zinc	ppm	<b>78</b>	83	172	14
Phosphorus	ppm	<b>519</b>	562	1102	1238
Barium	ppm	<b>51</b>	56	317	370
Boron	ppm	<b>3</b>	2	0	3

**Depot:** VOLVO8885  
**Unique No:** 11017779  
**Signed:** Wes Davis  
**Report Date:** 08 May 2024



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## GRAPHS

