



# CONSTRUCTION EQUIPMENT

SPM634757 SENNEBOGEN 825 825.0.3972 - FRONT LEFT FINAL DRIVE



**Sample No:** VCP435649  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM634757



## SAMPLE INFORMATION

Sample Number	<b>VCP435649</b>	VCP415192	VCP420046	---
Sample Date	<b>29 Nov 2023</b>	12 Sep 2023	13 Jul 2023	---
Machine Hours	<b>1168</b>	646	291	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Changed</b>	Not Changd	Not Changd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

**LEMONT SCRAP**  
16229 NEW AVE.  
LEMONT, IL  
US 60432  
Contact: Service Manager

## OIL CONDITION

Visc @ 40°C	cSt	<b>64.6</b>	65.7	67.4	---
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T:  
F:

## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>6</b>	11	9	---
Sodium	ppm	<b>13</b>	15	19	---
Potassium	ppm	<b>8</b>	3	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>19</b>	9	53	---
Copper	ppm	<b>9</b>	4	8	---
Lead	ppm	<b>&lt;1</b>	0	0	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>2</b>	3	1	---
Chromium	ppm	<b>&lt;1</b>	<1	1	---
Molybdenum	ppm	<b>0</b>	<1	0	---
Nickel	ppm	<b>0</b>	0	0	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>&lt;1</b>	2	1	---
Vanadium	ppm	<b>0</b>	0	0	---

## ADDITIVES

Calcium	ppm	<b>2230</b>	3654	3679	---
Magnesium	ppm	<b>13</b>	10	12	---
Zinc	ppm	<b>1020</b>	1497	1528	---
Phosphorus	ppm	<b>810</b>	1174	1200	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>80</b>	120	129	---

**Depot:** LEMLEMVC  
**Unique No:** 10793392  
**Signed:** Jonathan Hester  
**Report Date:** 20 Dec 2023



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## GRAPHS

