



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Area  
**[05W47986]**  
 Machine Id  
**SENNEBOGEN 875 875.5.1066**  
 Component  
**Left Swing Drive**  
 Fluid  
**SHELL OMALA S4 GX 220 (3 GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0225526</b>	JR0139953	JR0095504
Sample Date		Client Info		<b>08 Jul 2024</b>	16 Aug 2022	25 Aug 2021
Machine Age	hrs	Client Info		<b>4001</b>	2203	1129
Oil Age	hrs	Client Info		<b>1798</b>	1831	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	Changed	Not Changd
Filter Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		<b>68</b>	48	50
Iron	ppm	ASTM D5185m	>400	<b>163</b>	295	111
Chromium	ppm	ASTM D5185m	>10	<b>1</b>	3	<1
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	0	<1
Titanium	ppm	ASTM D5185m		<b>1</b>	<1	0
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>25	<b>&lt;1</b>	2	<1
Lead	ppm	ASTM D5185m	>50	<b>0</b>	0	<1
Copper	ppm	ASTM D5185m	>200	<b>4</b>	11	5
Tin	ppm	ASTM D5185m	>10	<b>0</b>	0	<1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>MODER</b>	LIGHT	LIGHT
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

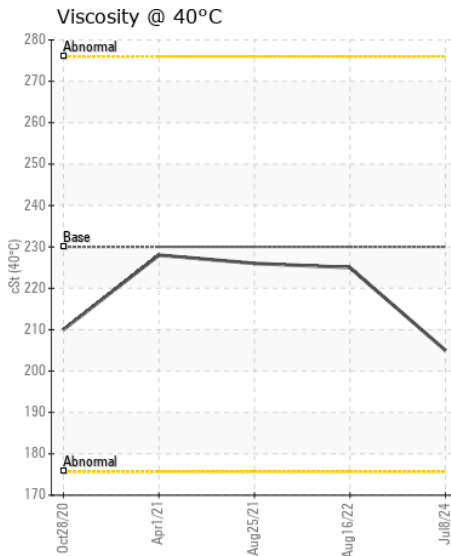
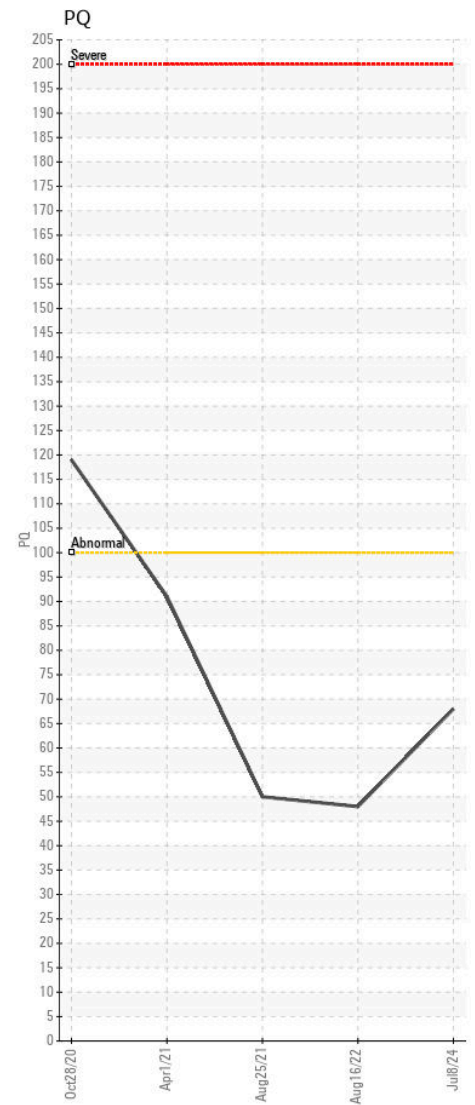
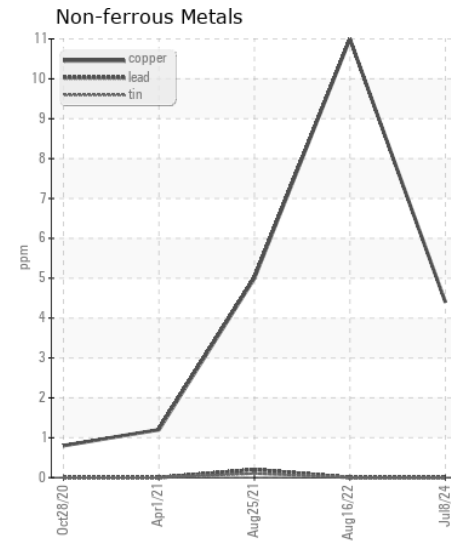
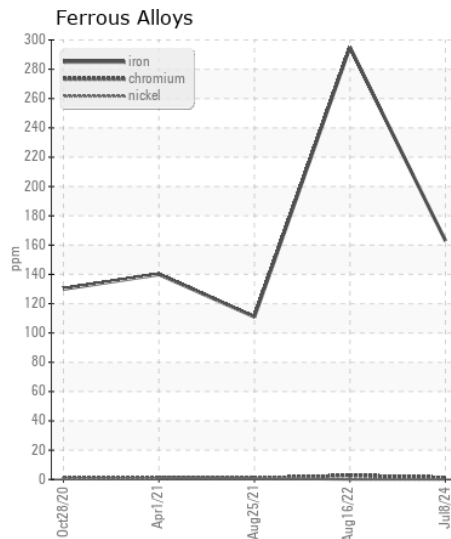
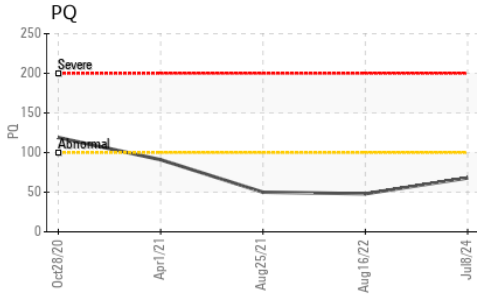
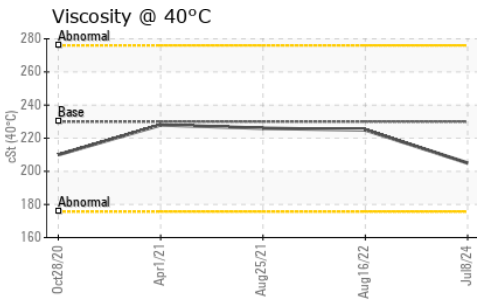
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>50	<b>13</b>	22	8
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	1	<1
Water		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	<b>NEG</b>	NEG	NEG

### FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		<b>1</b>	0	<1
Boron	ppm	ASTM D5185m		<b>12</b>	30	36
Barium	ppm	ASTM D5185m		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>0</b>	<1	0
Manganese	ppm	ASTM D5185m		<b>1</b>	2	<1
Magnesium	ppm	ASTM D5185m		<b>2</b>	<1	<1
Calcium	ppm	ASTM D5185m		<b>46</b>	5	2
Phosphorus	ppm	ASTM D5185m		<b>425</b>	406	382
Zinc	ppm	ASTM D5185m		<b>378</b>	2	0
Sulfur	ppm	ASTM D5185m		<b>3061</b>	6408	5367
Visc @ 40°C	cSt	ASTM D445	230	<b>205</b>	225	226



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513

**Sample No.** : JR0225526

**Lab Number** : 06231751

**Unique Number** : 11115244

**Test Package** : CONST ( Additional Tests: PQ )

**Received** : 09 Jul 2024

**Tested** : 10 Jul 2024

**Diagnosed** : 11 Jul 2024 - Don Baldridge

**JRE - MANASSAS PARK**

9107 OWENS DRIVE

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US 20111

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To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)