



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

Machine Id  
**SENNEBOGEN 825 C183344 (S/N 825.0.1186)**

Component  
**Transfer Case**

Fluid  
**{not provided} (--- QTS)**

### RECOMMENDATION

We advise that you check for the source of water entry. Resample at the next service interval to monitor.

### WEAR

All component wear rates are normal.

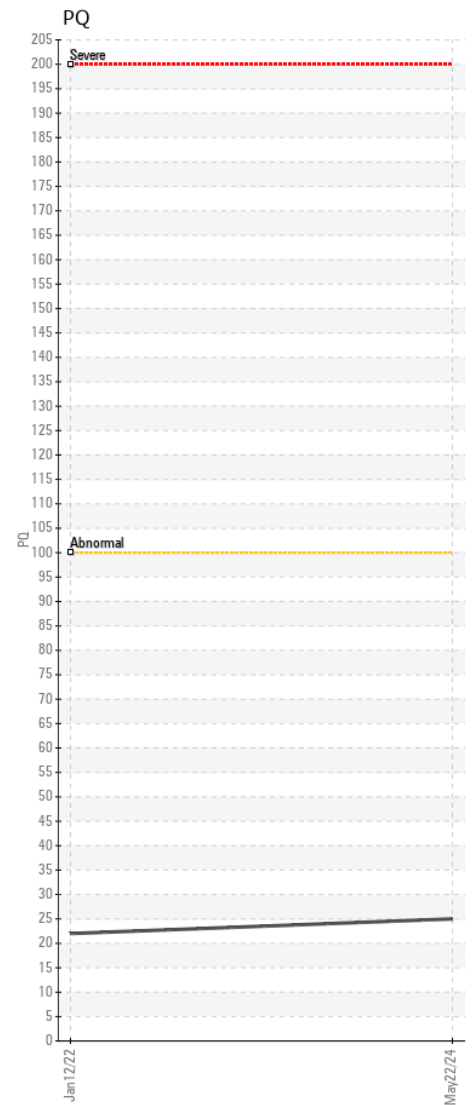
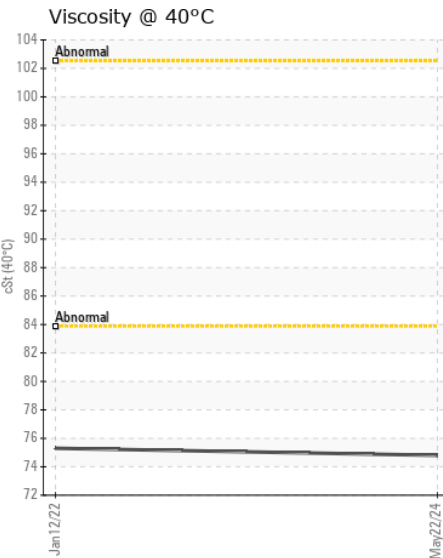
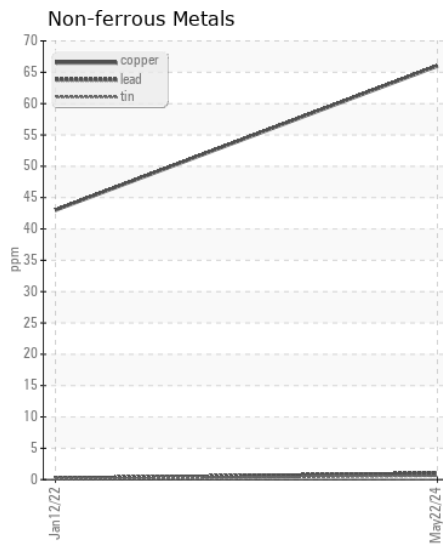
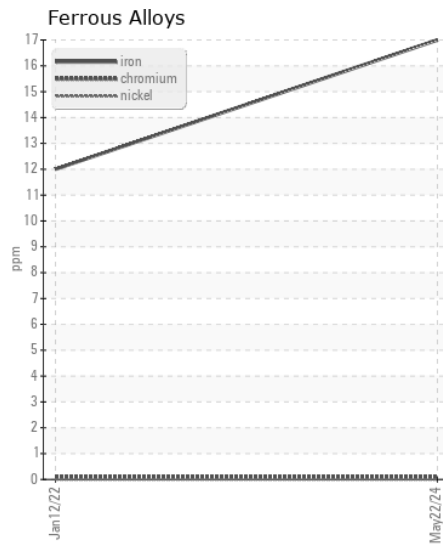
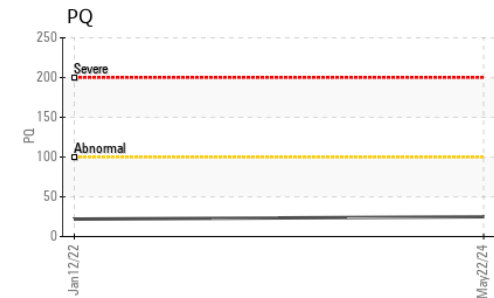
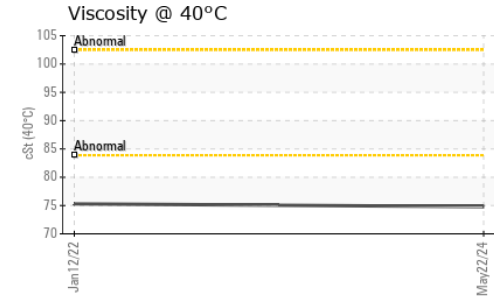
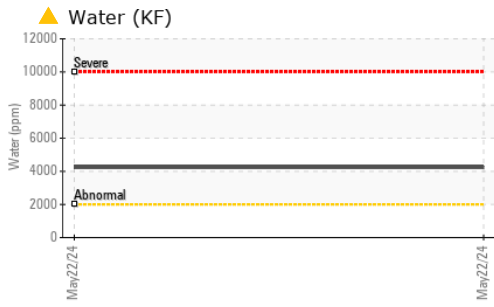
### CONTAMINATION

There is a moderate concentration of water present in the oil.

### FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0210244</b>	JR0112226	---
Sample Date		Client Info		<b>22 May 2024</b>	12 Jan 2022	---
Machine Age	hrs	Client Info		<b>16776</b>	16076	---
Oil Age	hrs	Client Info		<b>16076</b>	0	---
Filter Age	hrs	Client Info		<b>16076</b>	0	---
Oil Changed		Client Info		<b>N/A</b>	Not Changd	---
Filter Changed		Client Info		<b>N/A</b>	N/A	---
Sample Status				<b>ABNORMAL</b>	NORMAL	---
PQ		ASTM D8184		<b>25</b>	22	---
Iron	ppm	ASTM D5185m	>500	<b>17</b>	12	---
Chromium	ppm	ASTM D5185m	>5	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	0	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>45	<b>2</b>	0	---
Lead	ppm	ASTM D5185m	>150	<b>1</b>	<1	---
Copper	ppm	ASTM D5185m	>100	<b>66</b>	43	---
Tin	ppm	ASTM D5185m	>5	<b>&lt;1</b>	<1	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	LIGHT	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Silicon	ppm	ASTM D5185m	>85	<b>5</b>	3	---
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	<1	---
Water	%	ASTM D6304	>0.2	<b>▲ 0.424</b>	---	---
ppm Water	ppm	ASTM D6304	>2000	<b>▲ 4240</b>	---	---
Silt	scalar	*Visual	NONE	<b>MODER</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual	>0.2	<b>▲ 0.2%</b>	NEG	---
Sodium	ppm	ASTM D5185m		<b>&lt;1</b>	3	---
Boron	ppm	ASTM D5185m		<b>13</b>	6	---
Barium	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Molybdenum	ppm	ASTM D5185m		<b>9</b>	3	---
Manganese	ppm	ASTM D5185m		<b>1</b>	<1	---
Magnesium	ppm	ASTM D5185m		<b>63</b>	46	---
Calcium	ppm	ASTM D5185m		<b>2349</b>	2276	---
Phosphorus	ppm	ASTM D5185m		<b>1093</b>	979	---
Zinc	ppm	ASTM D5185m		<b>1143</b>	1092	---
Sulfur	ppm	ASTM D5185m		<b>5087</b>	4083	---
Visc @ 40°C	cSt	ASTM D445		<b>74.8</b>	75.3	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0210244 **Received** : 24 May 2024  
**Lab Number** : 06191275 **Tested** : 31 May 2024  
**Unique Number** : 11048027 **Diagnosed** : 31 May 2024 - Sean Felton  
**Test Package** : CONST ( Additional Tests: KF, PQ )

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)

**JRE - STEPHENSON**  
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