



# OIL ANALYSIS REPORT

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

Area  
**TPR-Conroe**  
 Machine Id  
**231147 SENNEBOGEN 830M 830.0.2016**  
 Component  
**Swing Drive**  
 Fluid  
**{not provided} (3 GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

## WEAR

All component wear rates are normal.

## CONTAMINATION

The water content is negligible. There is no indication of any contamination in the oil.

## FLUID CONDITION

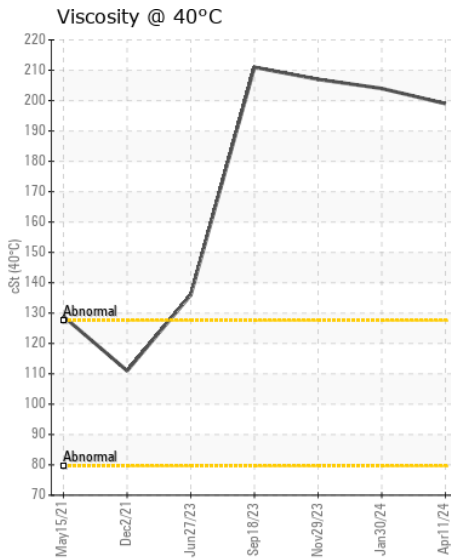
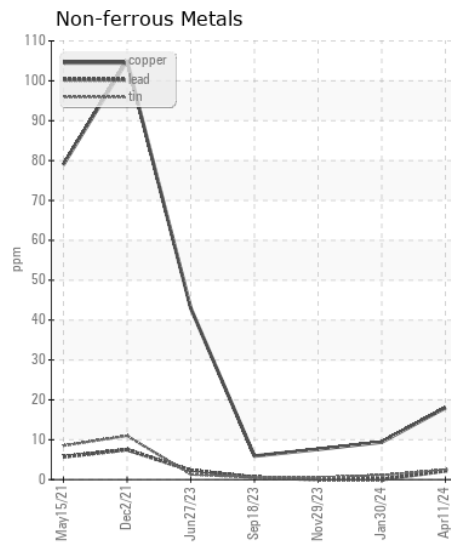
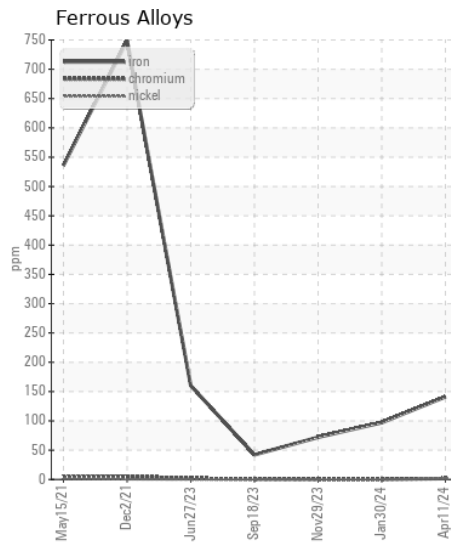
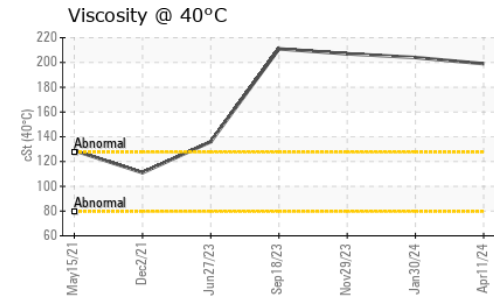
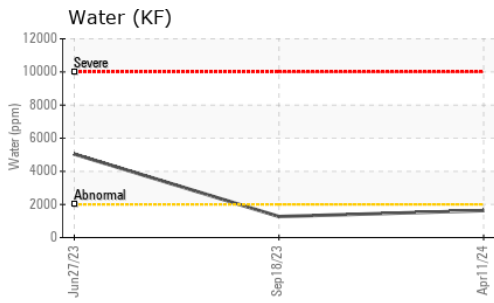
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>DJJ0013656</b>	DJJ0013669	DJJ0013694
Sample Date		Client Info		<b>11 Apr 2024</b>	30 Jan 2024	29 Nov 2023
Machine Age	hrs	Client Info		<b>11305</b>	11305	11047
Oil Age	hrs	Client Info		<b>1350</b>	11305	11047
Filter Age	hrs	Client Info		<b>1350</b>	0	0
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	Not Changd
Filter Changed		Client Info		<b>N/A</b>	N/A	Not Changd
Sample Status				<b>NORMAL</b>	NORMAL	ABNORMAL

Iron	ppm	ASTM D5185m	>400	<b>141</b>	97	72
Chromium	ppm	ASTM D5185m	>10	<b>2</b>	<1	<1
Nickel	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>25	<b>2</b>	0	<1
Lead	ppm	ASTM D5185m	>50	<b>2</b>	0	0
Copper	ppm	ASTM D5185m	>200	<b>18</b>	9	8
Tin	ppm	ASTM D5185m	>10	<b>2</b>	1	<1
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

Silicon	ppm	ASTM D5185m	>50	<b>17</b>	12	11
Potassium	ppm	ASTM D5185m	>20	<b>1</b>	0	0
Water	%	ASTM D6304	>0.2	<b>0.163</b>	---	---
ppm Water	ppm	ASTM D6304	>2000	<b>1630</b>	---	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	▲ MODER
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>HAZY</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	<b>0.2%</b>	NEG	NEG

Sodium	ppm	ASTM D5185m		<b>0</b>	0	0
Boron	ppm	ASTM D5185m		<b>0</b>	0	0
Barium	ppm	ASTM D5185m		<b>1</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>1</b>	0	<1
Manganese	ppm	ASTM D5185m		<b>2</b>	<1	<1
Magnesium	ppm	ASTM D5185m		<b>25</b>	0	0
Calcium	ppm	ASTM D5185m		<b>47</b>	95	17
Phosphorus	ppm	ASTM D5185m		<b>377</b>	379	376
Zinc	ppm	ASTM D5185m		<b>68</b>	42	29
Sulfur	ppm	ASTM D5185m		<b>798</b>	710	903
Visc @ 40°C	cSt	ASTM D445		<b>199</b>	204	207



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : DJJ0013656 **Received** : 18 Apr 2024  
**Lab Number** : 06153516 **Tested** : 22 Apr 2024  
**Unique Number** : 10983594 **Diagnosed** : 22 Apr 2024 - Sean Felton  
**Test Package** : CONST ( Additional Tests: KF )

**TEXAS PORT RECYCLING - CONROE**  
 11895 DOUGET ROAD  
 CONROE, TX  
 US 77303  
 Contact: TONER KELLY  
 toner.kelly@texasportrecycling.com  
 T:  
 F: (936)788-5262

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)