



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
[SPM688692]
 Machine Id
SENNEBOGEN 835ME 835.0.2542
 Component
Left Swing Drive
 Fluid
TDTO FLUID SAE 50 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP426434	VCP404748	VCP387446
Sample Date		Client Info		01 Apr 2024	04 Apr 2023	01 Dec 2022
Machine Age	hrs	Client Info		9624	7921	7465
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changed	Not Changed	Changed
Filter Changed		Client Info		Not Changed	Not Changed	Not Changed
Sample Status				NORMAL	ABNORMAL	ABNORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>400	113	112	179
Chromium	ppm	ASTM D5185m	>10	0	0	<1
Nickel	ppm	ASTM D5185m	>10	0	0	<1
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	<1	<1	<1
Lead	ppm	ASTM D5185m	>50	<1	1	0
Copper	ppm	ASTM D5185m	>200	43	▲ 202	▲ 397
Tin	ppm	ASTM D5185m	>10	<1	9	▲ 18
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	MODER	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

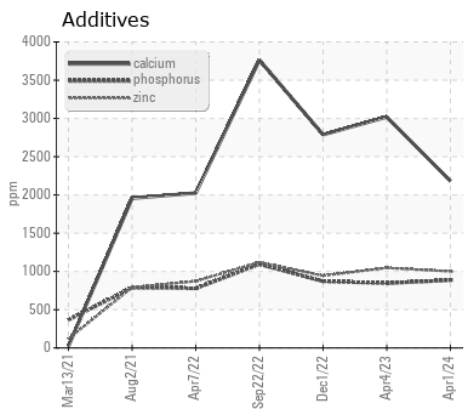
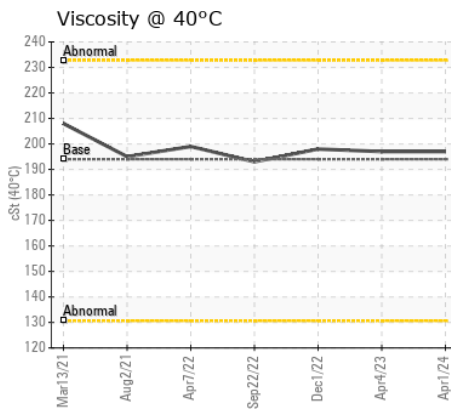
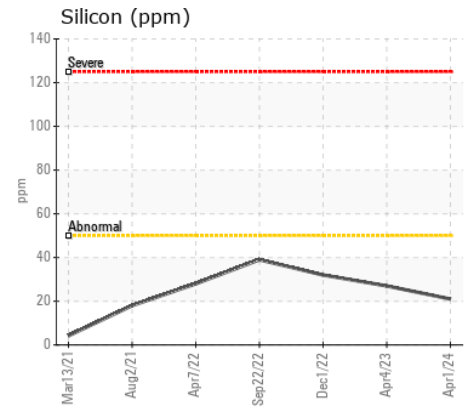
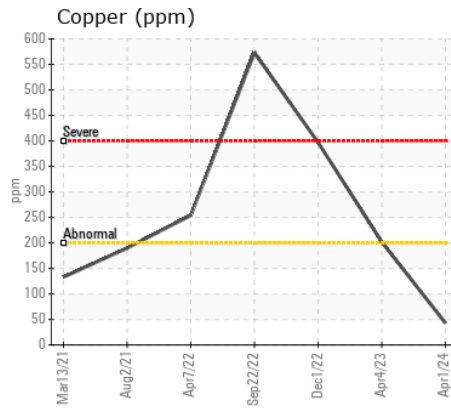
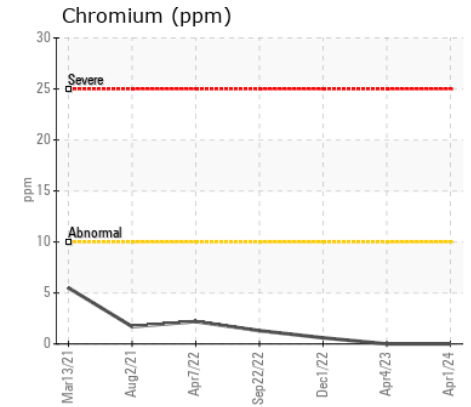
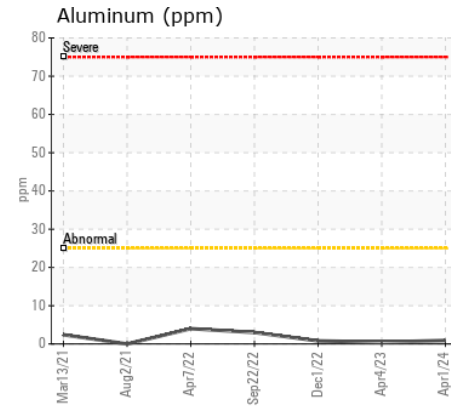
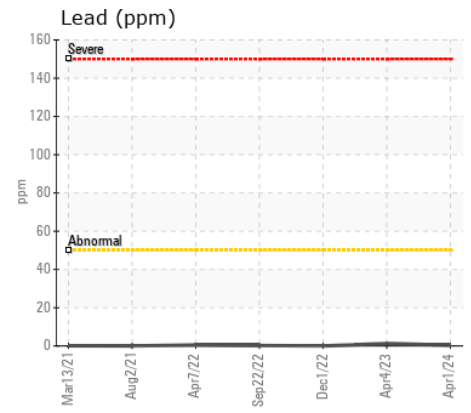
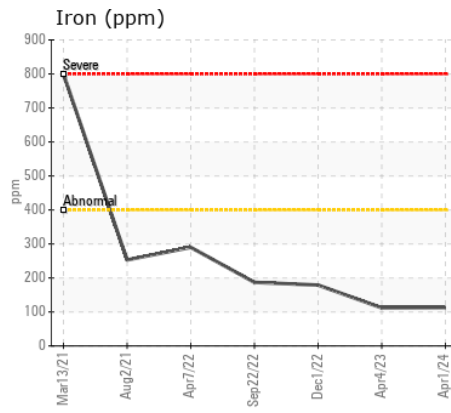
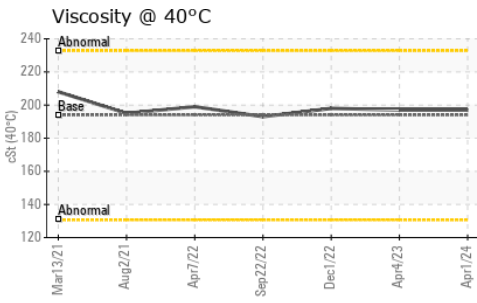
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>50	21	27	32
Potassium	ppm	ASTM D5185m	>20	<1	0	<1
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	LIGHT	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	▲ MODER	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		2	0	<1
Boron	ppm	ASTM D5185m	37	10	6	10
Barium	ppm	ASTM D5185m	7	12	0	0
Molybdenum	ppm	ASTM D5185m	5	1	2	2
Manganese	ppm	ASTM D5185m		3	1	1
Magnesium	ppm	ASTM D5185m	40	36	39	25
Calcium	ppm	ASTM D5185m	2650	2182	3019	2788
Phosphorus	ppm	ASTM D5185m	1050	886	846	871
Zinc	ppm	ASTM D5185m	1075	1001	1046	944
Sulfur	ppm	ASTM D5185m	5750	7077	10341	7803
Visc @ 40°C	cSt	ASTM D445	194	197	197	198



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : VCP426434 **Received** : 19 Apr 2024
Lab Number : 06154829 **Tested** : 22 Apr 2024
Unique Number : 10990252 **Diagnosed** : 22 Apr 2024 - Wes Davis
Test Package : MOB 1

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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)