



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
SENNEBOGEN 825M 825.0.3784

Component
Gear Case

Fluid
{not provided} (--- GAL)

RECOMMENDATION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0221354	JR0210287	JR0170154
Sample Date		Client Info		25 Jun 2024	18 Apr 2024	26 Sep 2023
Machine Age	hrs	Client Info		3689	3114	1629
Oil Age	hrs	Client Info		3114	2592	0
Filter Age	hrs	Client Info		0	2592	0
Oil Changed		Client Info		Not Changd	Changed	Not Changd
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184		17	18	19
Iron	ppm	ASTM D5185m	>200	15	23	15
Chromium	ppm	ASTM D5185m	>5	0	1	<1
Nickel	ppm	ASTM D5185m	>5	0	1	<1
Titanium	ppm	ASTM D5185m		0	<1	<1
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>5	5	10	5
Lead	ppm	ASTM D5185m	>5	0	1	<1
Copper	ppm	ASTM D5185m	>15	11	25	17
Tin	ppm	ASTM D5185m	>5	0	2	<1
Vanadium	ppm	ASTM D5185m		0	<1	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

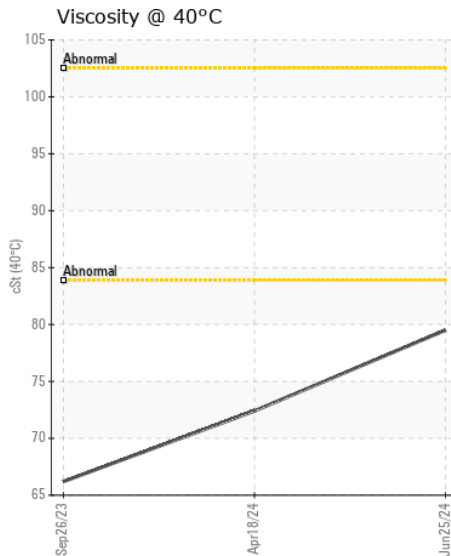
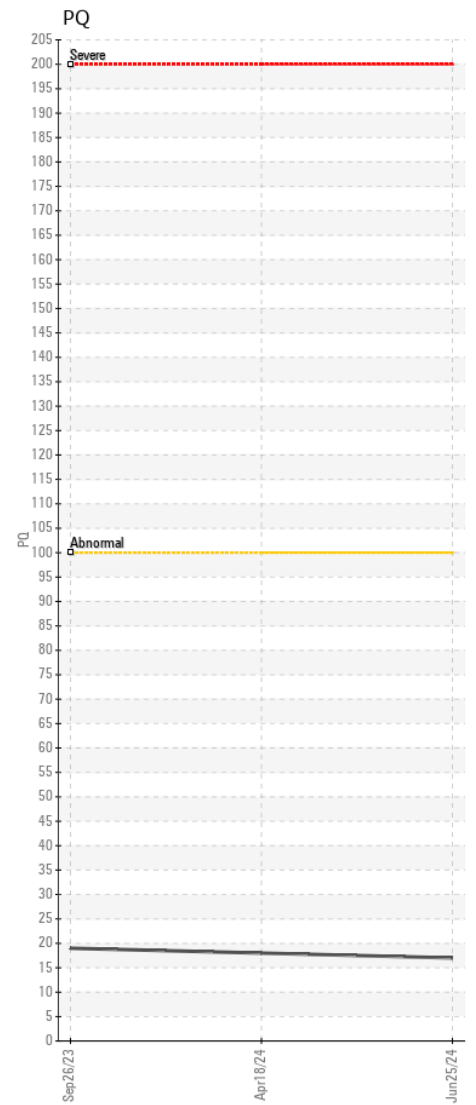
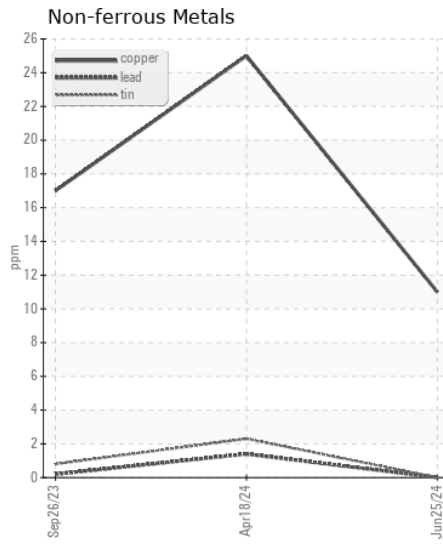
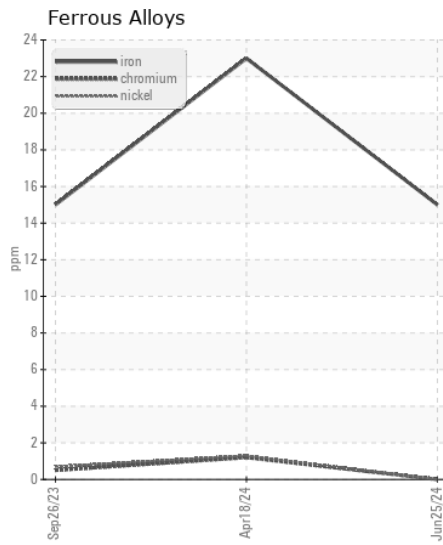
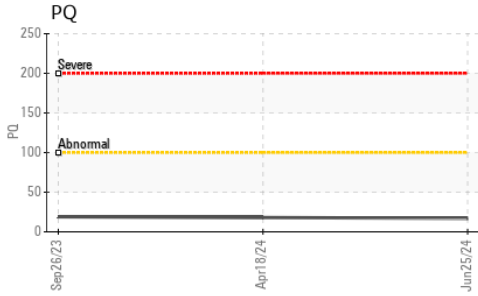
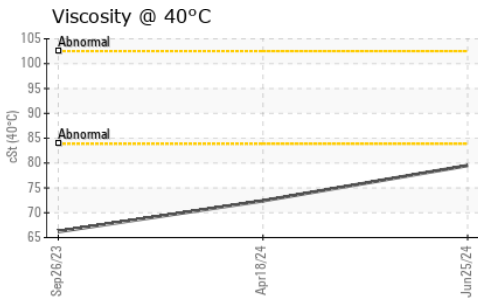
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>15	8	14	6
Potassium	ppm	ASTM D5185m	>20	<1	4	3
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	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		6	15	20
Boron	ppm	ASTM D5185m		253	368	159
Barium	ppm	ASTM D5185m		<1	2	<1
Molybdenum	ppm	ASTM D5185m		224	303	134
Manganese	ppm	ASTM D5185m		8	22	20
Magnesium	ppm	ASTM D5185m		738	928	398
Calcium	ppm	ASTM D5185m		1712	2673	2230
Phosphorus	ppm	ASTM D5185m		974	1456	981
Zinc	ppm	ASTM D5185m		1080	1573	1089
Sulfur	ppm	ASTM D5185m		4876	8037	6097
Visc @ 40°C	cSt	ASTM D445		79.5	72.4	66.2



Certificate L2367

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

Sample No. : JR0221354

Lab Number : 06221551

Unique Number : 11099748

Test Package : CONST (Additional Tests: PQ)

Received : 26 Jun 2024

Tested : 27 Jun 2024

Diagnosed : 27 Jun 2024 - Wes Davis

JRE - STEPHENSON

245 YARDMASTER COURT

STEPHENSON, VA

US 22656-1761

Contact: PHIL DAUGHERTY

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T: x:

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)

F: (540)693-2588