



# OIL ANALYSIS REPORT

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

Machine Id  
**SENNEBOGEN 830-4 3309**  
 Component  
**Hydraulic System**  
 Fluid  
**IRVING HYDRAULIC OIL LP 46 (--- GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor. Please contact your representative for information regarding the proper sampling kits for your service. NOTE: We recommend using MOB 2 test kits, this testkit includes Particle Count to determine the ISO cleanliness of the fluid.

## WEAR

All component wear rates are normal.

## CONTAMINATION

There is no indication of any contamination in the component(unconfirmed).

## FLUID CONDITION

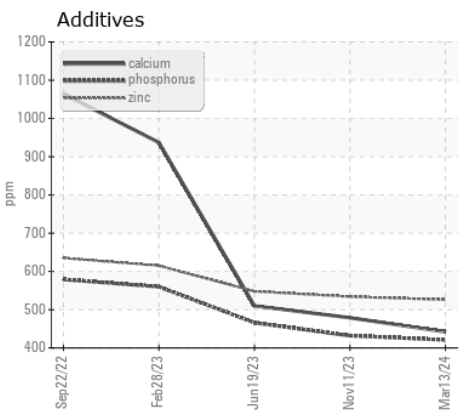
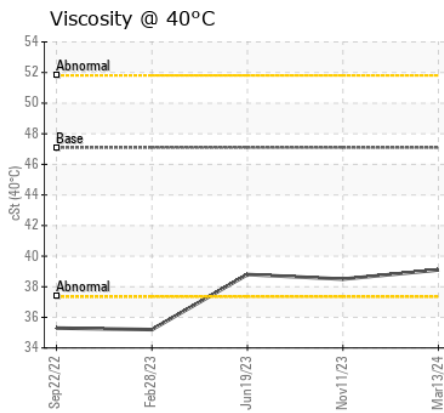
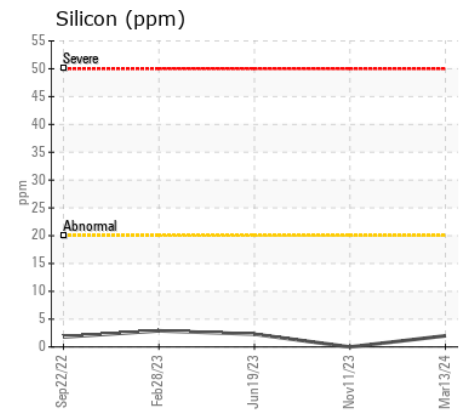
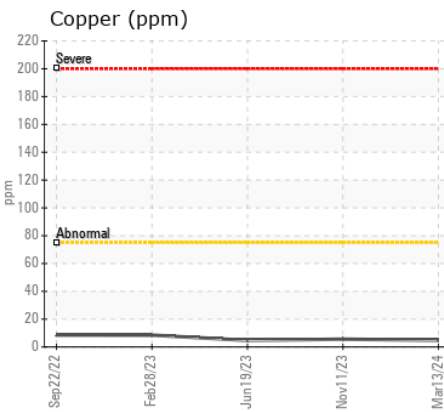
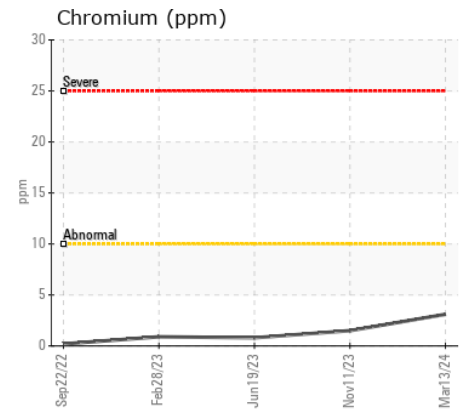
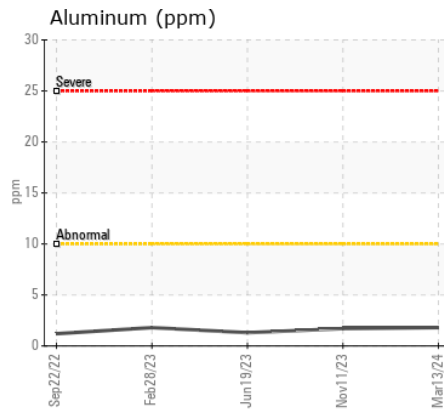
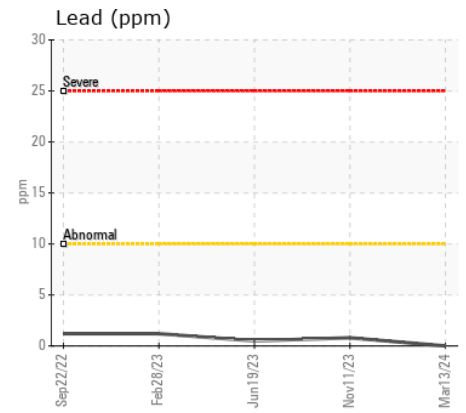
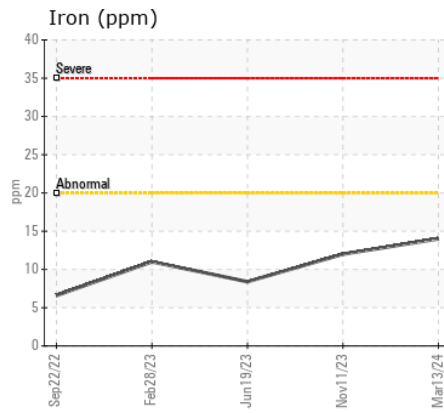
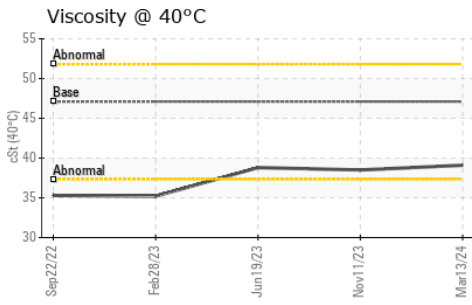
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>WC0896367</b>	WC0849302	WC0804579
Sample Date		Client Info		<b>13 Mar 2024</b>	11 Nov 2023	19 Jun 2023
Machine Age	hrs	Client Info		<b>10000</b>	8000	6000
Oil Age	hrs	Client Info		<b>4000</b>	4000	4000
Filter Age	hrs	Client Info		<b>2000</b>	2000	2000
Oil Changed		Client Info		<b>N/A</b>	Not Changd	Not Changd
Filter Changed		Client Info		<b>Changed</b>	Changed	Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

Iron	ppm	ASTM D5185(m)	>20	<b>14</b>	12	8
Chromium	ppm	ASTM D5185(m)	>10	<b>3</b>	2	<1
Nickel	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	<1
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)		<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185(m)	>10	<b>2</b>	2	1
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	<1
Copper	ppm	ASTM D5185(m)	>75	<b>5</b>	6	5
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE

Silicon	ppm	ASTM D5185(m)	>20	<b>2</b>	0	2
Potassium	ppm	ASTM D5185(m)	>20	<b>1</b>	0	1
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	Visual*	NONE	<b>NONE</b>	NONE	VLITE
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*	>0.1	<b>NEG</b>	NEG	NEG

Sodium	ppm	ASTM D5185(m)		<b>4</b>	2	3
Boron	ppm	ASTM D5185(m)		<b>7</b>	7	7
Barium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1
Molybdenum	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	2
Manganese	ppm	ASTM D5185(m)		<b>0</b>	0	0
Magnesium	ppm	ASTM D5185(m)		<b>13</b>	11	12
Calcium	ppm	ASTM D5185(m)		<b>442</b>	479	510
Phosphorus	ppm	ASTM D5185(m)		<b>421</b>	432	466
Zinc	ppm	ASTM D5185(m)	400	<b>526</b>	534	548
Sulfur	ppm	ASTM D5185(m)		<b>1572</b>	1530	1592
Visc @ 40°C	cSt	ASTM D7279(m)	47.1	<b>39.1</b>	38.5	38.8



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0896367  
**Lab Number** : 02626144  
**Unique Number** : 5759276  
**Test Package** : MOB 1  
**Received** : 02 Apr 2024  
**Tested** : 02 Apr 2024  
**Diagnosed** : 03 Apr 2024 - Kevin Marson

**INTERFOR CORP**  
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To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 Validity of results and interpretation are based on the sample and information as supplied.