



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id
SSI PR6600
 Component
Hydraulic System
 Fluid
VISH2-100-68 (--- GAL)

RECOMMENDATION

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

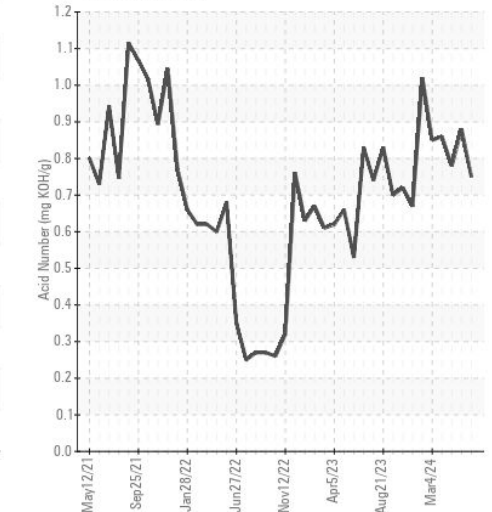
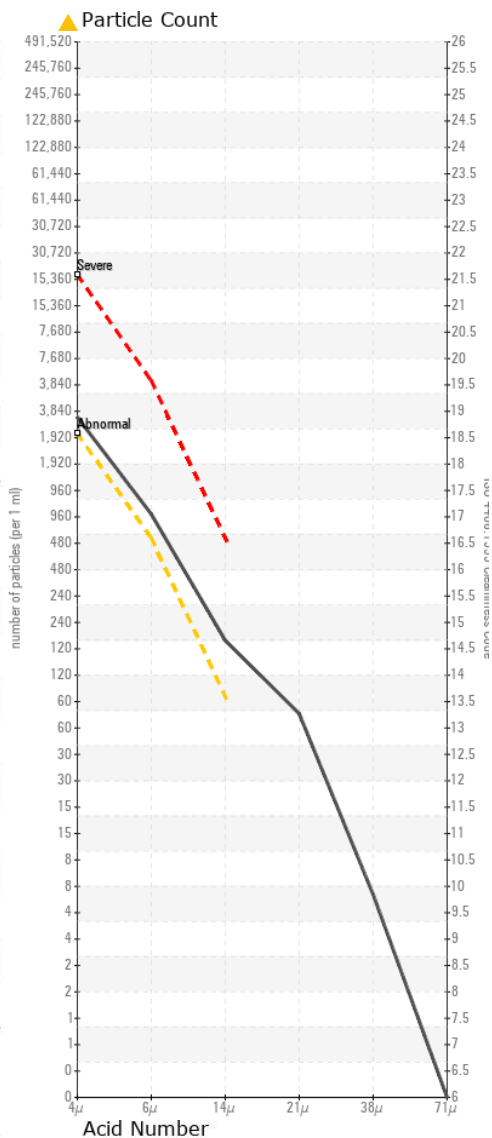
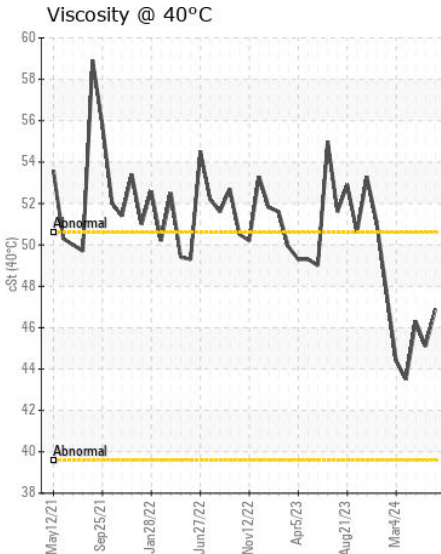
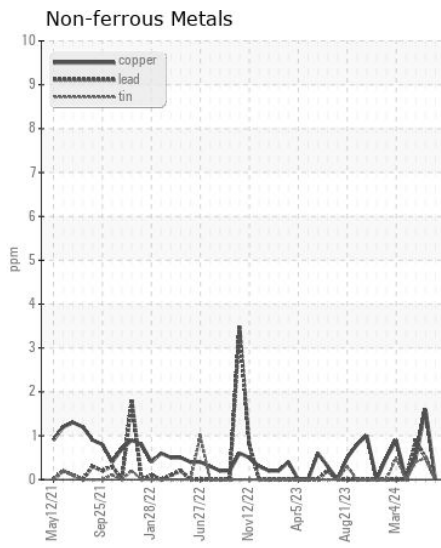
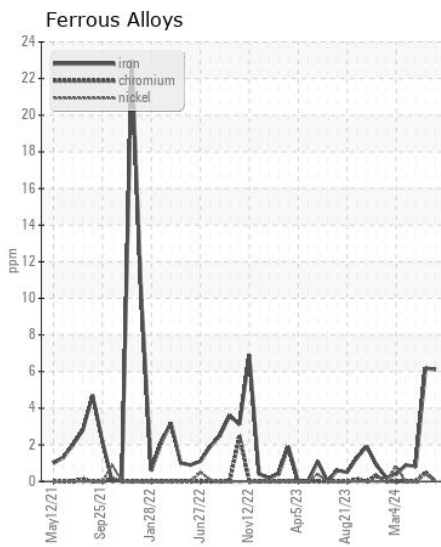
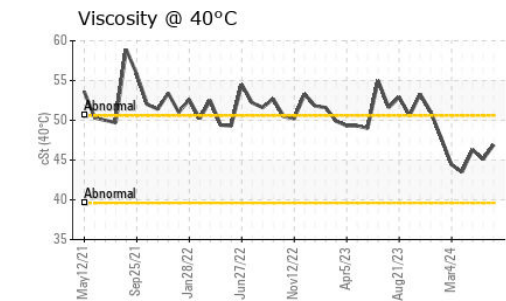
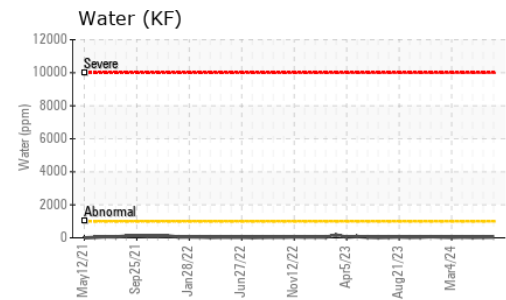
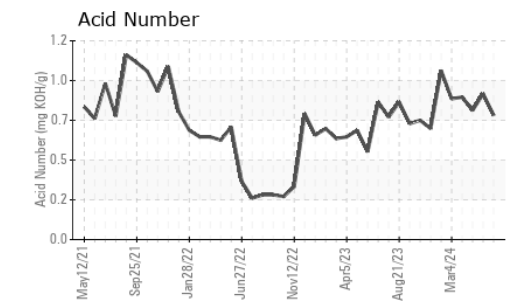
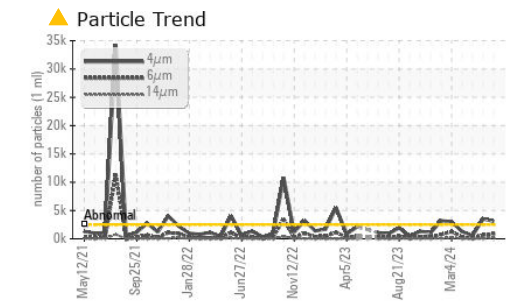
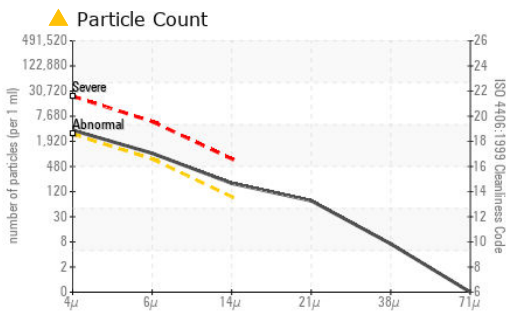
CONTAMINATION

There is a high amount of particulates present in the oil.

FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		Y2K0001641	Y2K0001647	Y2K0001486
Sample Date		Client Info		05 Jul 2024	08 Jun 2024	01 May 2024
Machine Age	hrs	Client Info		28100	27820	0
Oil Age	hrs	Client Info		2020	1740	1317
Filter Age	hrs	Client Info		280	423	257
Oil Changed		Client Info		Changed	Not Changd	Not Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				ABNORMAL	ATTENTION	NORMAL
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Iron	ppm	ASTM D5185m	>20	6	6	<1
Chromium	ppm	ASTM D5185m	>10	0	<1	0
Nickel	ppm	ASTM D5185m	>10	0	<1	0
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>10	0	2	0
Lead	ppm	ASTM D5185m	>10	0	<1	<1
Copper	ppm	ASTM D5185m	>75	0	2	<1
Tin	ppm	ASTM D5185m	>10	0	<1	<1
Vanadium	ppm	ASTM D5185m		0	<1	0
White Metal	scalar	*Visual	NONE	LIGHT	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
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Silicon	ppm	ASTM D5185m	>20	<1	2	<1
Potassium	ppm	ASTM D5185m	>20	0	1	2
Water	%	ASTM D6304	>0.1	0.003	0.003	0.002
ppm Water	ppm	ASTM D6304	>1000	39	29	18
Particles >4µm		ASTM D7647	>2500	▲ 3100	● 3518	554
Particles >6µm		ASTM D7647	>640	▲ 872	● 677	97
Particles >14µm		ASTM D7647	>80	▲ 167	70	2
Particles >21µm		ASTM D7647	>20	▲ 64	20	0
Particles >38µm		ASTM D7647	>4	▲ 6	0	0
Particles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>18/16/13	▲ 19/17/15	● 19/17/13	16/14/9
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	>0.1	NEG	NEG	NEG
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Sodium	ppm	ASTM D5185m		3	2	4
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		0	1	6
Molybdenum	ppm	ASTM D5185m		0	3	0
Manganese	ppm	ASTM D5185m		0	<1	<1
Magnesium	ppm	ASTM D5185m		7	7	7
Calcium	ppm	ASTM D5185m		43	49	47
Phosphorus	ppm	ASTM D5185m		911	718	849
Zinc	ppm	ASTM D5185m		1152	1082	1111
Sulfur	ppm	ASTM D5185m		3478	2741	3355
Acid Number (AN)	mg KOH/g	ASTM D8045		0.75	0.88	0.78
Visc @ 40°C	cSt	ASTM D445		46.9	45.1	46.3



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : Y2K0001641 **Received** : 11 Jul 2024
Lab Number : 06233837 **Tested** : 12 Jul 2024
Unique Number : 11122671 **Diagnosed** : 13 Jul 2024 - Don Baldrige
Test Package : MOB 2 (Additional Tests: KF)

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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)