



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
SSI PR6600
 Component
Hydraulic System
 Fluid
WEBER VIS HZ-100-68 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The water content is negligible. The system and fluid cleanliness is acceptable.

FLUID CONDITION

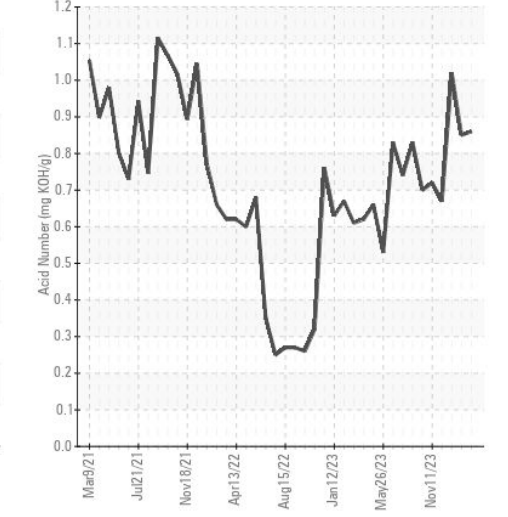
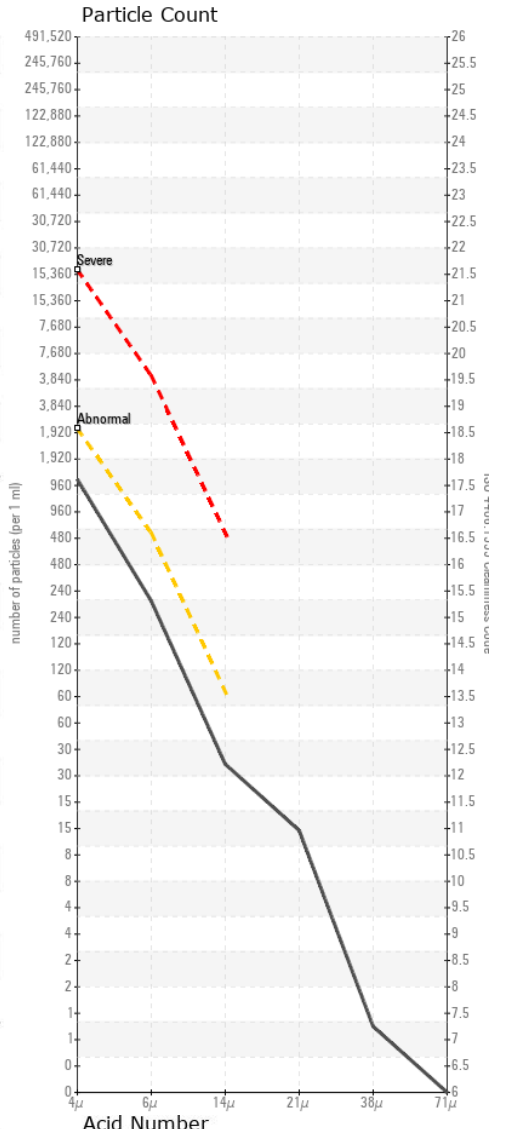
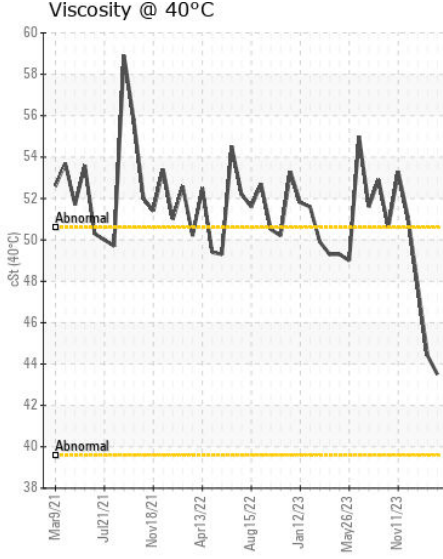
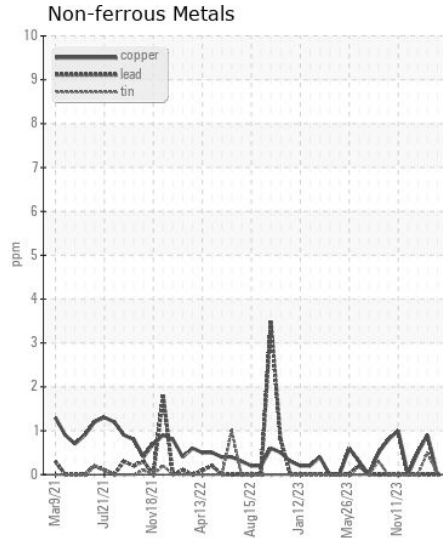
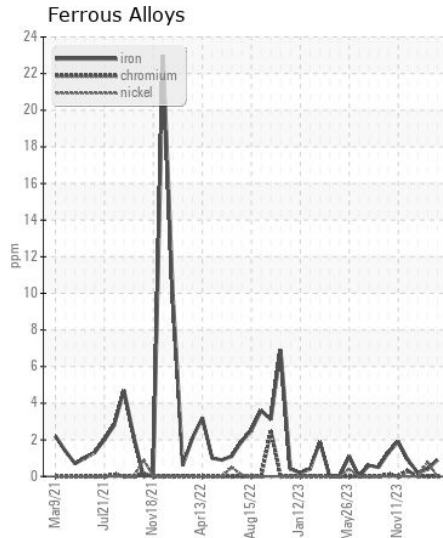
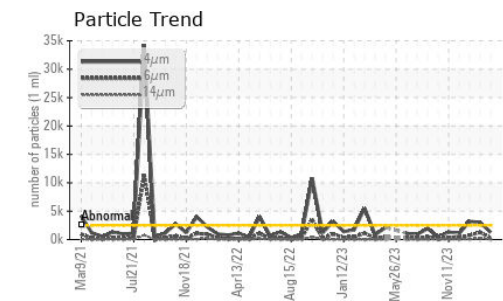
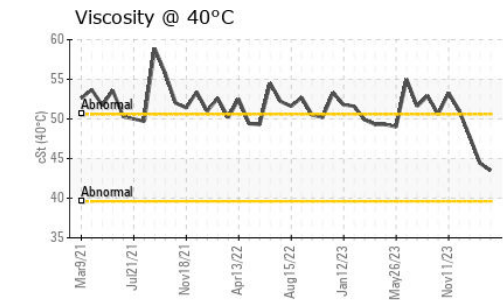
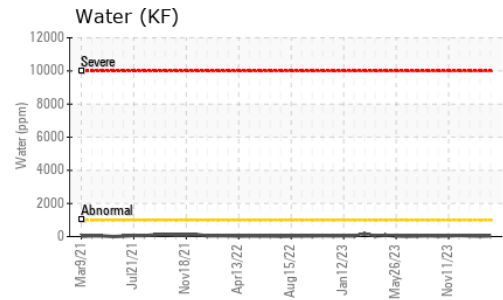
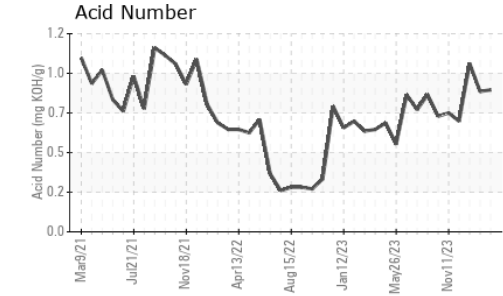
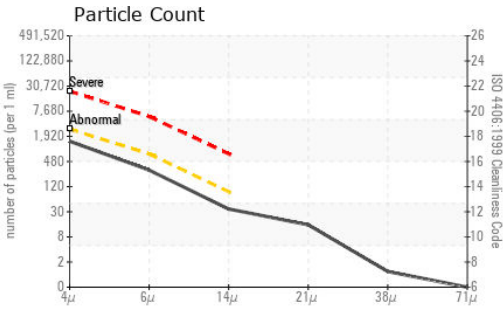
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		Y2K0001643	Y2K0001600	Y2K0001499
Sample Date		Client Info		06 Apr 2024	04 Mar 2024	27 Jan 2024
Machine Age	hrs	Client Info		27140	26852	26398
Oil Age	hrs	Client Info		1060	772	318
Filter Age	hrs	Client Info		288	454	318
Oil Changed		Client Info		Not Changed	Not Changed	Not Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	ABNORMAL	ATTENTION

Iron	ppm	ASTM D5185m	>20	<1	<1	<1
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m	>10	0	<1	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>10	0	<1	0
Lead	ppm	ASTM D5185m	>10	0	0	0
Copper	ppm	ASTM D5185m	>75	0	<1	<1
Tin	ppm	ASTM D5185m	>10	0	<1	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>20	0	<1	<1
Potassium	ppm	ASTM D5185m	>20	0	1	0
Water	%	ASTM D6304	>0.1	0.003	0.002	0.003
ppm Water	ppm	ASTM D6304	>1000	40	16	40
Particles >4µm		ASTM D7647	>2500	1288	● 3008	● 3198
Particles >6µm		ASTM D7647	>640	262	● 1263	● 753
Particles >14µm		ASTM D7647	>80	31	▲ 172	71
Particles >21µm		ASTM D7647	>20	13	▲ 54	25
Particles >38µm		ASTM D7647	>4	1	2	1
Particles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>18/16/13	17/15/12	▲ 19/17/15	● 19/17/13
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

Sodium	ppm	ASTM D5185m		3	4	3
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	<1	0
Manganese	ppm	ASTM D5185m		0	<1	0
Magnesium	ppm	ASTM D5185m		6	7	3
Calcium	ppm	ASTM D5185m		33	27	20
Phosphorus	ppm	ASTM D5185m		815	794	768
Zinc	ppm	ASTM D5185m		1015	1075	1043
Sulfur	ppm	ASTM D5185m		2982	3184	2700
Acid Number (AN)	mg KOH/g	ASTM D8045		0.86	0.85	1.02
Visc @ 40°C	cSt	ASTM D445		43.5	44.4	47.8



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : Y2K0001643
Lab Number : 06145866
Unique Number : 10975944
Test Package : MOB 2 (Additional Tests: KF)
Received : 11 Apr 2024
Tested : 12 Apr 2024
Diagnosed : 12 Apr 2024 - Wes Davis

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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)