



A Y2K Fluid Power Brand

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.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		Y2K0001491	Y2K0001487	Y2K0001480
Sample Date		Client Info		26 Dec 2023	11 Nov 2023	25 Sep 2023
Machine Age	hrs	Client Info		26080	25666	25140
Oil Age	hrs	Client Info		2206	1792	1266
Filter Age	hrs	Client Info		414	526	364
Oil Changed		Client Info		Changed	Not Changd	Not Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>20	<1	2	1
Chromium	ppm	ASTM D5185m	>10	<1	0	<1
Nickel	ppm	ASTM D5185m	>10	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>10	9	1	<1
Lead	ppm	ASTM D5185m	>10	0	0	0
Copper	ppm	ASTM D5185m	>75	0	1	<1
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

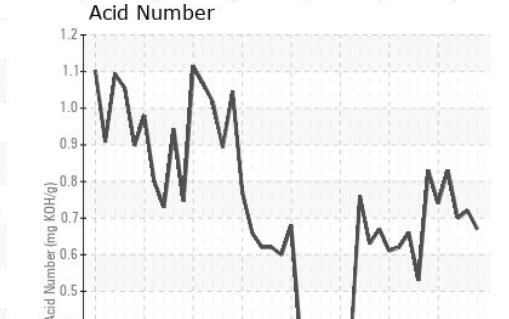
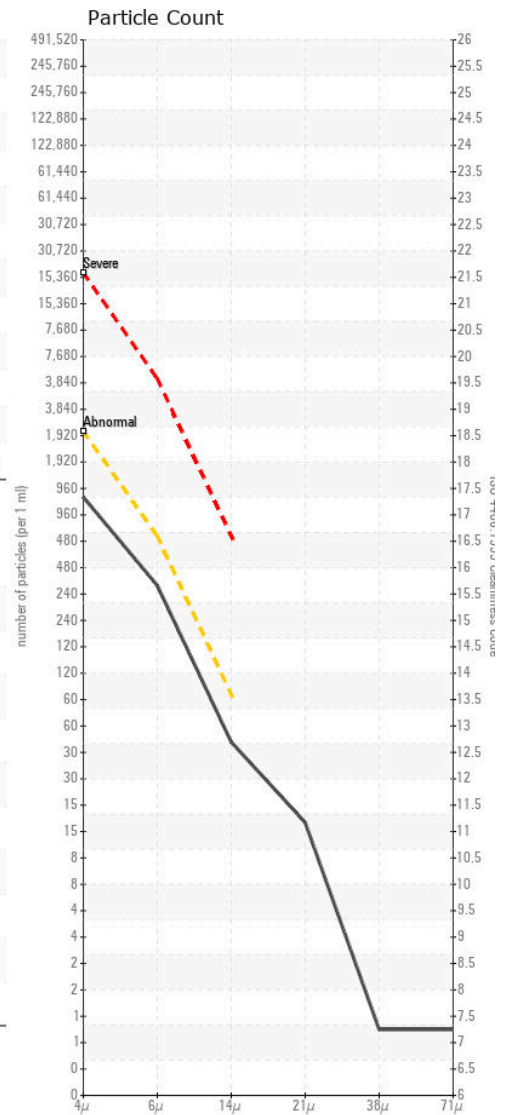
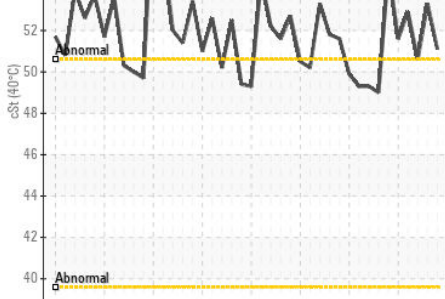
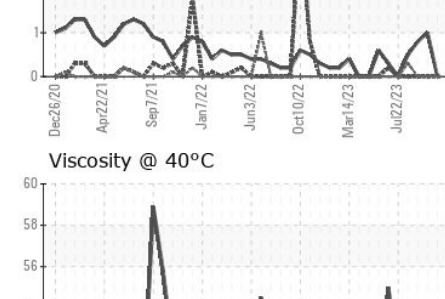
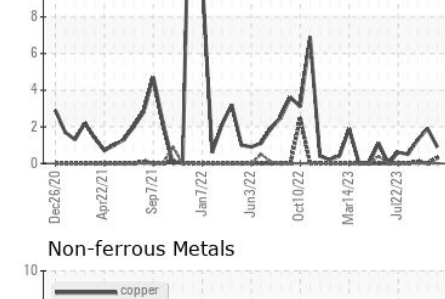
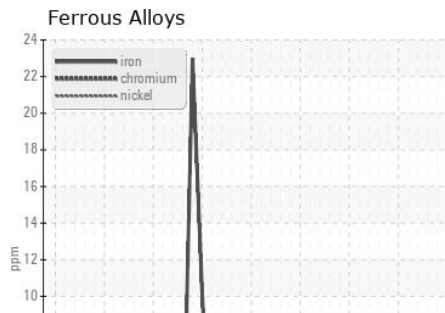
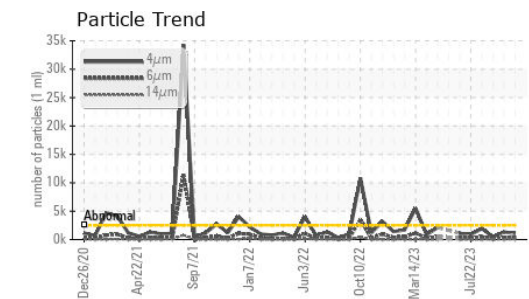
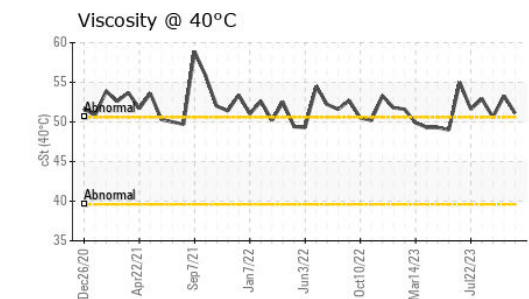
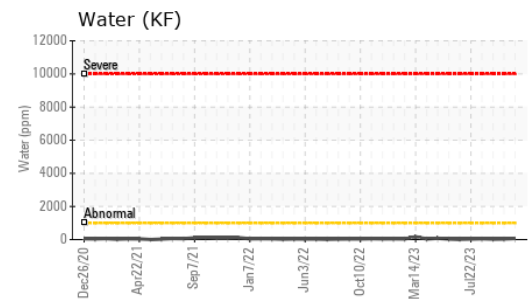
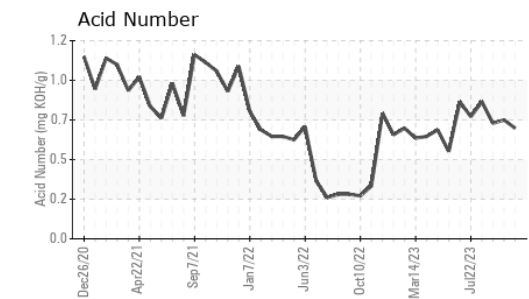
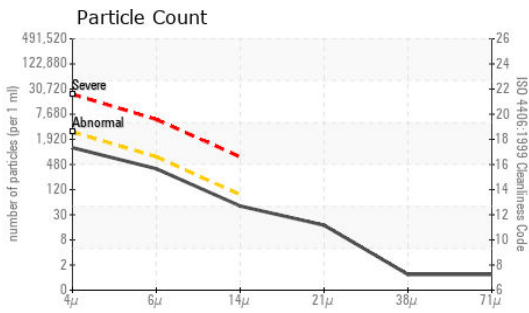
The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The water content is negligible. The system and fluid cleanliness is acceptable.

Silicon	ppm	ASTM D5185m	>20	1	0	<1
Potassium	ppm	ASTM D5185m	>20	7	<1	2
Water	%	ASTM D6304	>0.1	0.006	0.003	0.002
ppm Water	ppm	ASTM D6304	>1000	67	34.5	22.8
Particles >4µm		ASTM D7647	>2500	1063	1336	457
Particles >6µm		ASTM D7647	>640	334	371	124
Particles >14µm		ASTM D7647	>80	43	45	14
Particles >21µm		ASTM D7647	>20	15	20	4
Particles >38µm		ASTM D7647	>4	1	2	0
Particles >71µm		ASTM D7647	>3	1	0	0
Oil Cleanliness		ISO 4406 (c)	>18/16/13	17/16/13	18/16/13	16/14/11
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

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		29	0	0
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		0	6	0
Molybdenum	ppm	ASTM D5185m		0	<1	0
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m		<1	<1	<1
Calcium	ppm	ASTM D5185m		3	12	8
Phosphorus	ppm	ASTM D5185m		34	801	643
Zinc	ppm	ASTM D5185m		0	938	885
Sulfur	ppm	ASTM D5185m		0	2998	2740
Acid Number (AN)	mg KOH/g	ASTM D8045		0.67	0.72	0.70
Visc @ 40°C	cSt	ASTM D445		51.1	53.3	50.6



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : Y2K0001491 **Received** : 12 Jan 2024
Lab Number : 06060222 **Diagnosed** : 16 Jan 2024
Unique Number : 10831604 **Diagnostician** : Don Baldrige
Test Package : MOB 2 (Additional Tests: KF)

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)

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