



OIL ANALYSIS REPORT

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

Machine Id  
**TAPONADORA**

Component  
**Hydraulic System**

Fluid  
**FIRE-RESISTANT FLUID ISO 46 (--- GAL)**

**RECOMMENDATION**

We advise that you check for the source of water entry. We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>AN06060248</b>	AN06060250	AN06060249
Sample Date		Client Info		<b>15 Sep 2023</b>	10 Sep 2023	10 Sep 2023
Machine Age	hrs	Client Info		<b>0</b>	0	0
Oil Age	hrs	Client Info		<b>0</b>	0	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>N/A</b>	N/A	N/A
Filter Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>ABNORMAL</b>	ABNORMAL	ABNORMAL

**WEAR**

The iron level is abnormal.

Iron	ppm	ASTM D5185m	>20	<b>▲ 34</b>	0	<1
Chromium	ppm	ASTM D5185m	>20	<b>1</b>	<1	<1
Nickel	ppm	ASTM D5185m	>20	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>0</b>	0	0
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>20	<b>2</b>	2	2
Lead	ppm	ASTM D5185m	>20	<b>0</b>	0	0
Copper	ppm	ASTM D5185m	>20	<b>2</b>	0	<1
Tin	ppm	ASTM D5185m	>20	<b>0</b>	5	4
Vanadium	ppm	ASTM D5185m		<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

**CONTAMINATION**

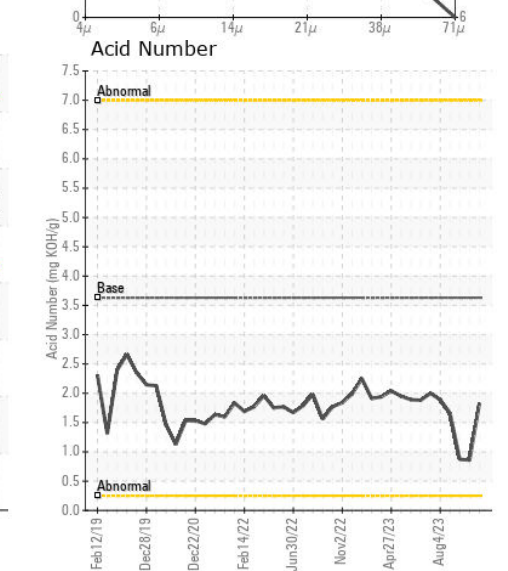
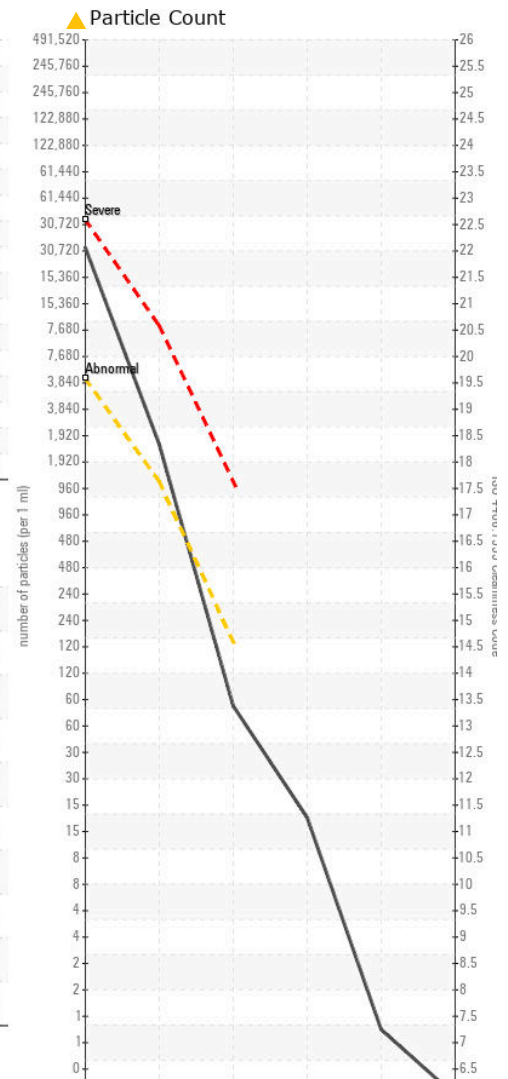
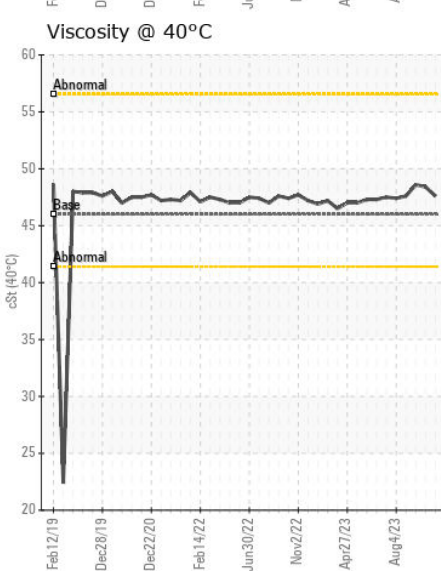
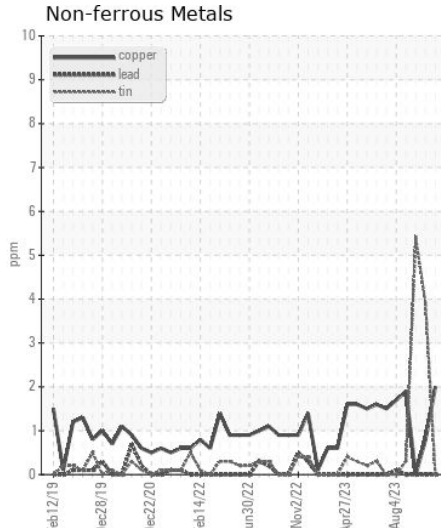
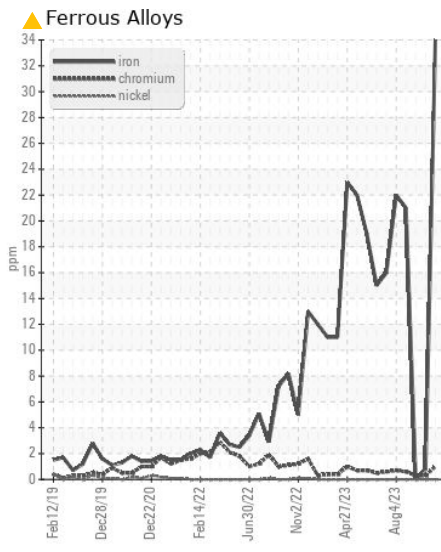
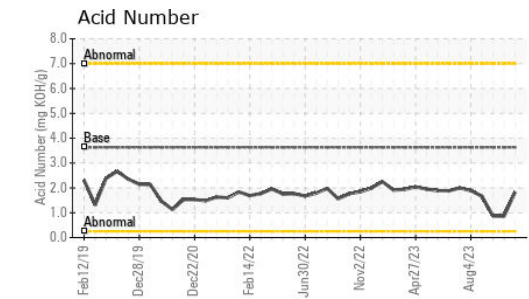
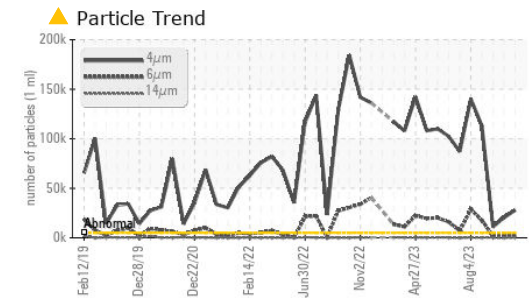
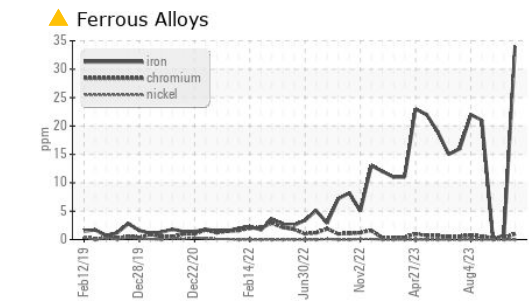
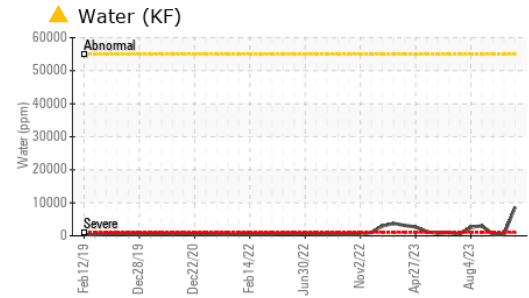
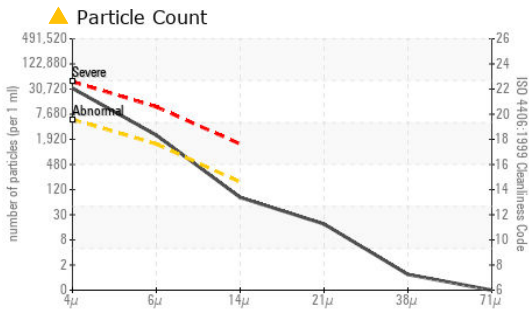
There is a high amount of silt (particulates < 14 microns in size) present in the oil. There is a moderate concentration of water present in the oil.

Silicon	ppm	ASTM D5185m	>15	<b>3</b>	<1	<1
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	<1	1
Water	%	ASTM D6304	>55	<b>▲ 0.866</b>	0.042	0.039
ppm Water	ppm	ASTM D6304	>55000	<b>▲ 8660</b>	423	393
Particles >4µm		ASTM D7647	>5000	<b>▲ 27843</b>	▲ 11122	▲ 20362
Particles >6µm		ASTM D7647	>1300	<b>▲ 2115</b>	▲ 1843	▲ 2020
Particles >14µm		ASTM D7647	>160	<b>69</b>	116	32
Particles >21µm		ASTM D7647	>40	<b>16</b>	40	12
Particles >38µm		ASTM D7647	>10	<b>1</b>	3	3
Particles >71µm		ASTM D7647	>3	<b>0</b>	0	1
Oil Cleanliness		ISO 4406 (c)	>19/17/14	<b>▲ 22/18/13</b>	▲ 21/18/14	▲ 22/18/12
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
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	>55	<b>0.2%</b>	NEG	NEG

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185m		<b>8</b>	0	<1
Boron	ppm	ASTM D5185m	5	<b>0</b>	0	0
Barium	ppm	ASTM D5185m	5	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	5	<b>0</b>	0	0
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Magnesium	ppm	ASTM D5185m	5	<b>2</b>	0	<1
Calcium	ppm	ASTM D5185m	50	<b>7</b>	0	<1
Phosphorus	ppm	ASTM D5185m	175	<b>249</b>	233	235
Zinc	ppm	ASTM D5185m	62	<b>0</b>	0	0
Sulfur	ppm	ASTM D5185m	500	<b>1823</b>	1814	1902
Acid Number (AN)	mg KOH/g	ASTM D8045	3.63	<b>1.83</b>	0.86	0.87
Visc @ 40°C	cSt	ASTM D445	46	<b>47.6</b>	48.4	48.6



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : AN06060248 **Received** : 12 Jan 2024  
**Lab Number** : 06060248 **Diagnosed** : 16 Jan 2024  
**Unique Number** : 10831630 **Diagnostician** : Doug Bogart  
**Test Package** : IND 2 ( Additional Tests: pH, PrtCount, ReserveAlk )

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)

**CONEXO INC**  
 2320 STARR LAKE DRIVE  
 ACWORTH, GA  
 US 30101  
 Contact: RICARDO HEIN  
 rhein@conexoinc.com  
 T: (678)806-0131  
 F: x: