



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id  
**TAPONADORA**  
Component  
**Hydraulic System**  
Fluid  
**FIRE-RESISTANT FLUID ISO 46 (--- GAL)**

**RECOMMENDATION**

We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>AN06060250</b>	AN06060249	AN05974969
Sample Date		Client Info		<b>10 Sep 2023</b>	10 Sep 2023	01 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**

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>20	<b>0</b>	<1	21
Chromium	ppm	ASTM D5185m	>20	<b>&lt;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	<1
Lead	ppm	ASTM D5185m	>20	<b>0</b>	0	0
Copper	ppm	ASTM D5185m	>20	<b>0</b>	<1	2
Tin	ppm	ASTM D5185m	>20	<b>5</b>	4	<1
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**

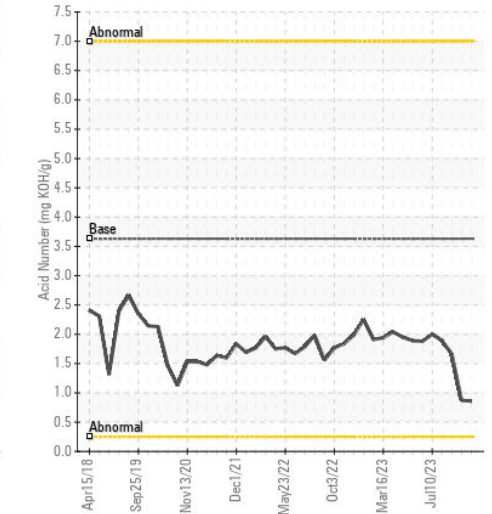
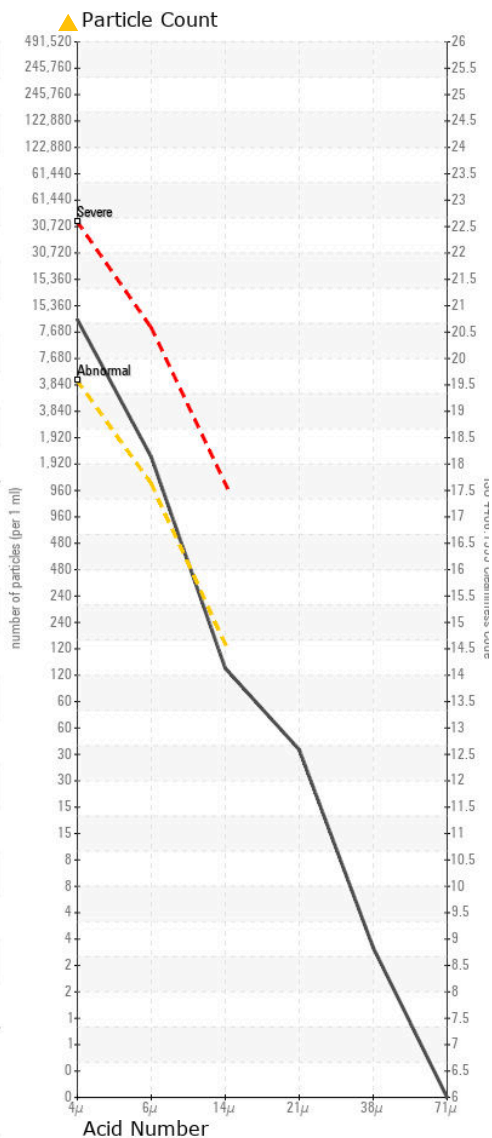
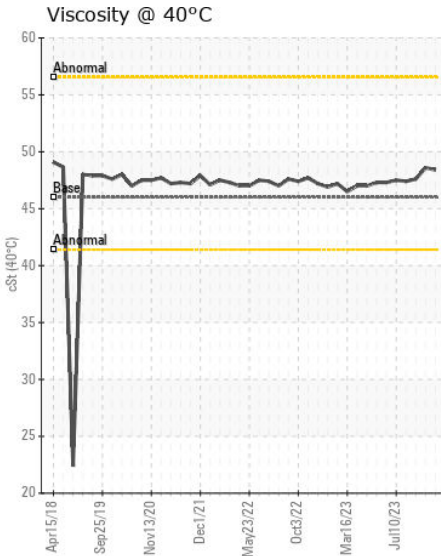
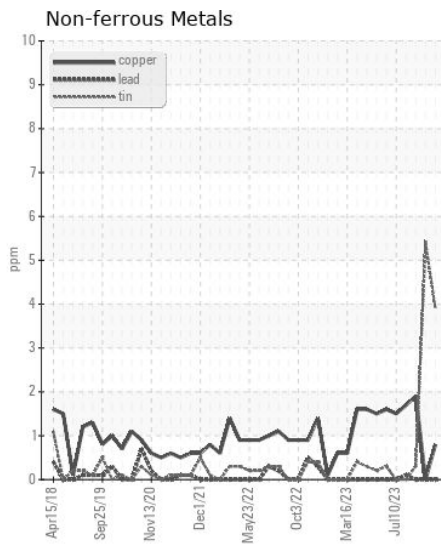
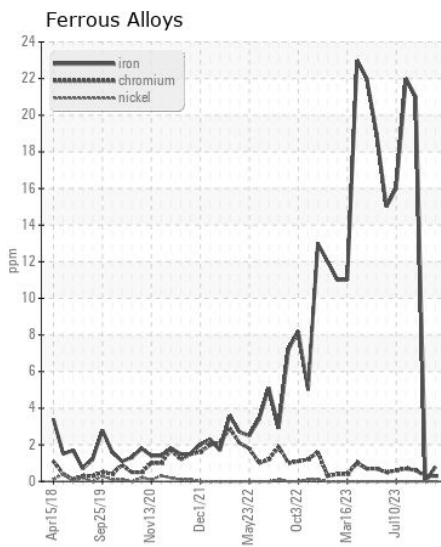
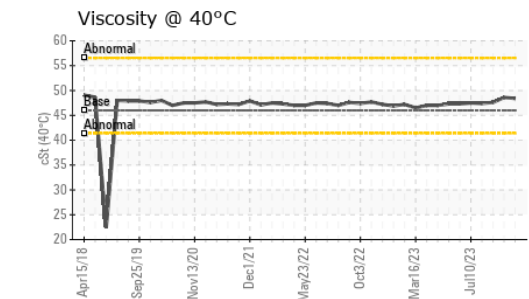
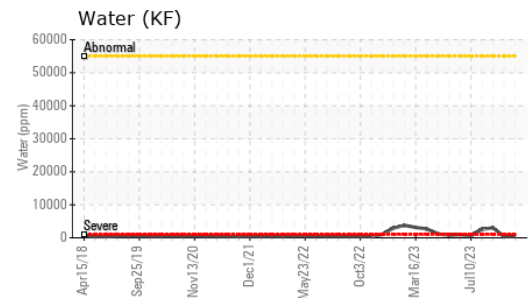
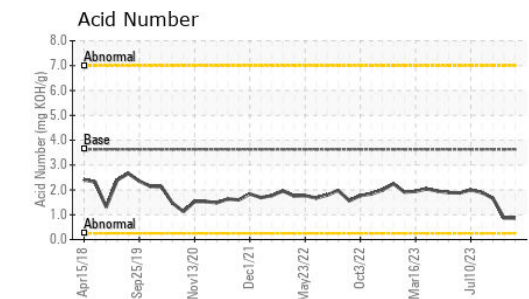
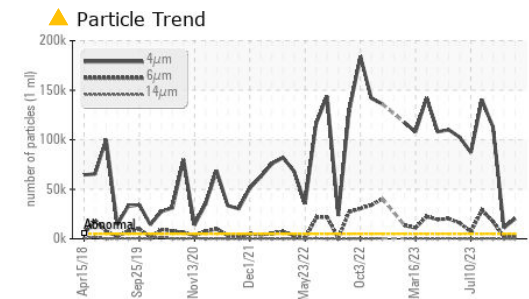
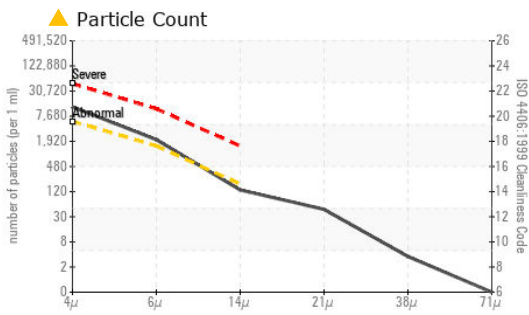
There is a high amount of silt (particulates < 14 microns in size) present in the oil. There is a trace of moisture present in the oil.

Silicon	ppm	ASTM D5185m	>15	<b>&lt;1</b>	<1	1
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	1	2
Water	%	ASTM D6304	>55	<b>0.042</b>	0.039	▲ 0.306
ppm Water	ppm	ASTM D6304	>55000	<b>423</b>	393	▲ 3065.3
Particles >4µm		ASTM D7647	>5000	▲ <b>11122</b>	▲ 20362	▲ 112938
Particles >6µm		ASTM D7647	>1300	▲ <b>1843</b>	▲ 2020	▲ 17569
Particles >14µm		ASTM D7647	>160	<b>116</b>	32	▲ 218
Particles >21µm		ASTM D7647	>40	<b>40</b>	12	36
Particles >38µm		ASTM D7647	>10	<b>3</b>	3	0
Particles >71µm		ASTM D7647	>3	<b>0</b>	1	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	▲ <b>21/18/14</b>	▲ 22/18/12	▲ 24/21/15
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>NEG</b>	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		<b>0</b>	<1	4
Boron	ppm	ASTM D5185m	5	<b>0</b>	0	<1
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>0</b>	0	<1
Magnesium	ppm	ASTM D5185m	5	<b>0</b>	<1	4
Calcium	ppm	ASTM D5185m	50	<b>0</b>	<1	2
Phosphorus	ppm	ASTM D5185m	175	<b>233</b>	235	198
Zinc	ppm	ASTM D5185m	62	<b>0</b>	0	1
Sulfur	ppm	ASTM D5185m	500	<b>1814</b>	1902	1759
Acid Number (AN)	mg KOH/g	ASTM D8045	3.63	<b>0.86</b>	0.87	1.66
Visc @ 40°C	cSt	ASTM D445	46	<b>48.4</b>	48.6	47.6



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : AN06060250 **Received** : 12 Jan 2024  
**Lab Number** : 06060250 **Diagnosed** : 16 Jan 2024  
**Unique Number** : 10831632 **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: