



WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	ABNORMAL

Machine Id  
**QUINCY 970264C - FORTERRA PIPE**

Component  
**Compressor**

Fluid  
**QUINCY QUINSYN (--- GAL)**

**RECOMMENDATION**

The oil is near the end of it's useful service life, recommend schedule an oil change. We recommend you service the filters on this component. We recommend an early resample to monitor this condition. We were unable to perform a particle count due to a high concentration of particles present in this sample.

**WEAR**

All component wear rates are normal.

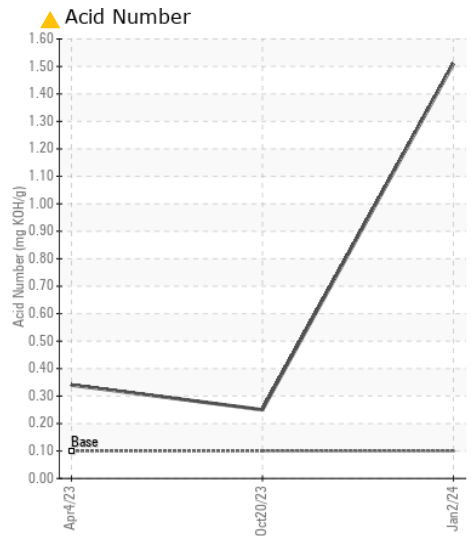
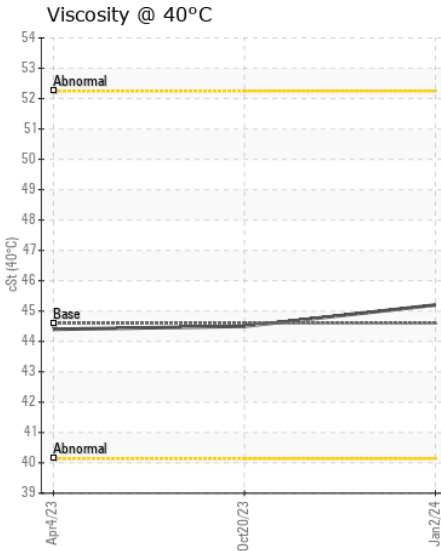
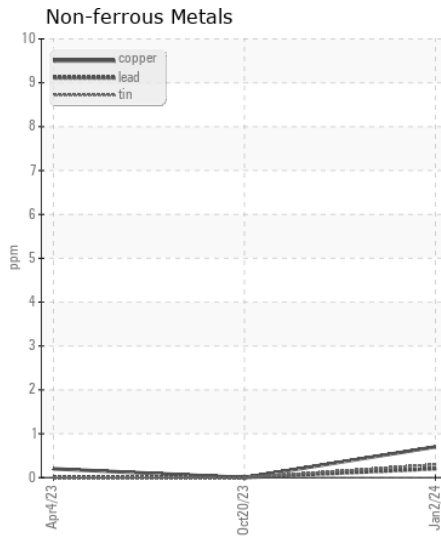
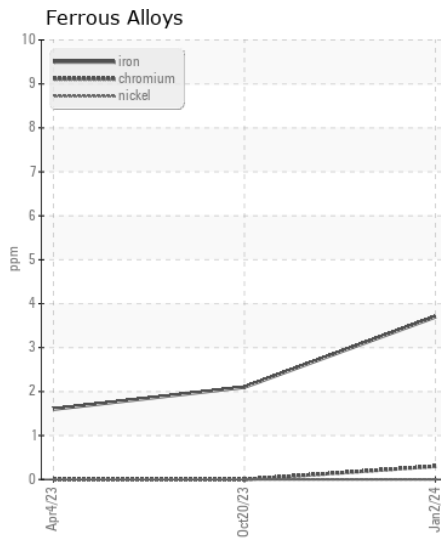
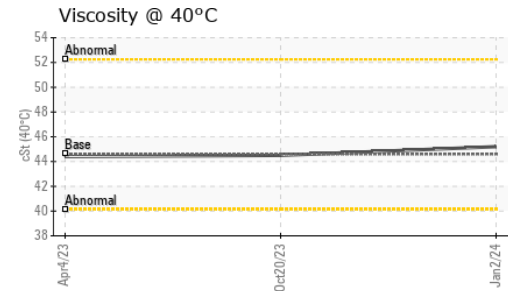
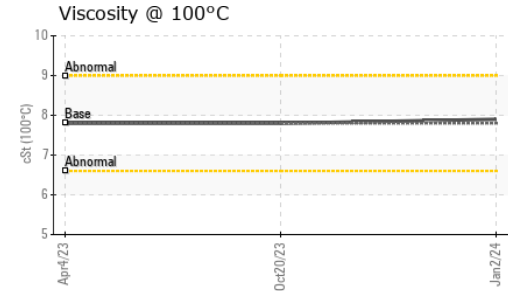
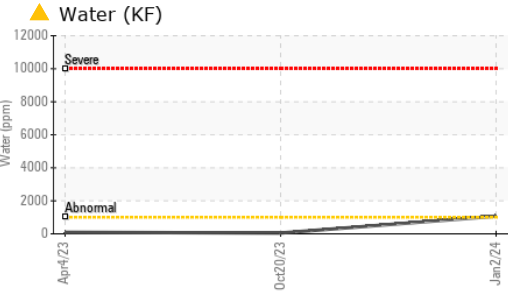
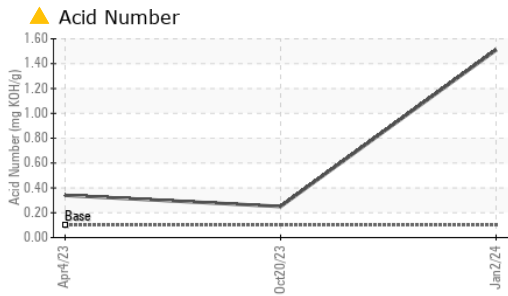
**CONTAMINATION**

There is a light concentration of water present in the oil. There is a high amount of visible silt present in the sample.

**FLUID CONDITION**

The AN level is at the top-end of the recommended limit.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>QUC0000632</b>	QUC0000522	QUC0000393
Sample Date		Client Info		<b>02 Jan 2024</b>	20 Oct 2023	04 Apr 2023
Machine Age	hrs	Client Info		<b>0</b>	60112	60063
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>	Not Changed	Not Changed
Filter Changed		Client Info		<b>N/A</b>	Changed	Changed
Sample Status				<b>ABNORMAL</b>	ABNORMAL	ABNORMAL
Iron	ppm	ASTM D5185m	>50	<b>4</b>	2	2
Chromium	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	0
Nickel	ppm	ASTM D5185m		<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>25	<b>2</b>	1	0
Lead	ppm	ASTM D5185m	>25	<b>&lt;1</b>	0	0
Copper	ppm	ASTM D5185m	>50	<b>&lt;1</b>	0	<1
Tin	ppm	ASTM D5185m	>15	<b>&lt;1</b>	0	0
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
Silicon	ppm	ASTM D5185m	>25	<b>0</b>	4	<1
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	<1	<1
Water	%	ASTM D6304	>0.1	<b>▲ 0.106</b>	0.004	0.009
ppm Water	ppm	ASTM D6304	>1000	<b>▲ 1069</b>	48.5	92.1
Particles >4µm		ASTM D7647	>10000	<b>---</b>	▲ 165391	▲ 32564
Particles >6µm		ASTM D7647	>2500	<b>---</b>	▲ 72152	▲ 6959
Particles >14µm		ASTM D7647	>320	<b>---</b>	▲ 489	231
Particles >21µm		ASTM D7647	>80	<b>---</b>	72	53
Particles >38µm		ASTM D7647	>20	<b>---</b>	4	5
Particles >71µm		ASTM D7647	>4	<b>---</b>	0	1
Oil Cleanliness		ISO 4406 (c)	>20/18/15	<b>---</b>	▲ 25/23/16	▲ 22/20/15
Silt	scalar	*Visual	NONE	<b>▲ HEAVY</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	>0.1	<b>NEG</b>	NEG	NEG
Sodium	ppm	ASTM D5185m		<b>0</b>	4	1
Boron	ppm	ASTM D5185m		<b>0</b>	0	0
Barium	ppm	ASTM D5185m		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Manganese	ppm	ASTM D5185m		<b>0</b>	<1	0
Magnesium	ppm	ASTM D5185m		<b>0</b>	<1	<1
Calcium	ppm	ASTM D5185m		<b>0</b>	3	<1
Phosphorus	ppm	ASTM D5185m		<b>55</b>	133	142
Zinc	ppm	ASTM D5185m		<b>0</b>	6	16
Sulfur	ppm	ASTM D5185m		<b>1057</b>	1029	1086
Acid Number (AN)	mg KOH/g	ASTM D8045	.10	<b>▲ 1.51</b>	0.25	0.34
Visc @ 40°C	cSt	ASTM D445	44.6	<b>45.2</b>	44.5	44.4
Visc @ 100°C	cSt	ASTM D445	7.8	<b>7.9</b>	7.8	7.8
Viscosity Index (VI)	Scale	ASTM D2270	132	<b>146</b>	145	146



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : QUC0000632 **Received** : 30 Jan 2024  
**Lab Number** : 06074700 **Diagnosed** : 01 Feb 2024  
**Unique Number** : 10856791 **Diagnostician** : Jonathan Hester  
**Test Package** : IND 2 ( Additional Tests: KF, KV100, PrtCount, VI )

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)

**QUALITY COMPRESSOR**

4428 CR 616  
 ALVARADO, TX  
 US 76009

Contact: SEAN  
 SEAN@QCOMPRESSOR.COM

T: (817)822-1333

F: