



WEAR  
CONTAMINATION  
FLUID CONDITION

ATTENTION  
SEVERE  
NORMAL

Machine Id  
**QUINCY 303826 - ENNIS PAINT**  
Component  
**Compressor**  
Fluid  
**QUINCY QUINSYN (--- GAL)**

### RECOMMENDATION

Oil and filter change at the time of sampling has been noted. We were unable to perform a particle count due to a high concentration of particles present in this sample.

### WEAR

The copper level is abnormal. All other component wear rates are normal.

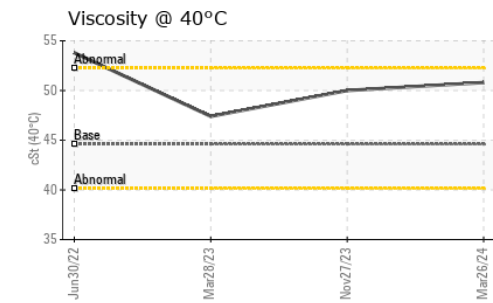
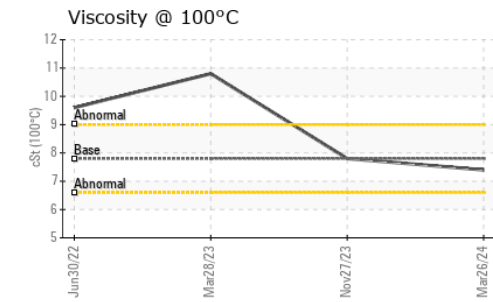
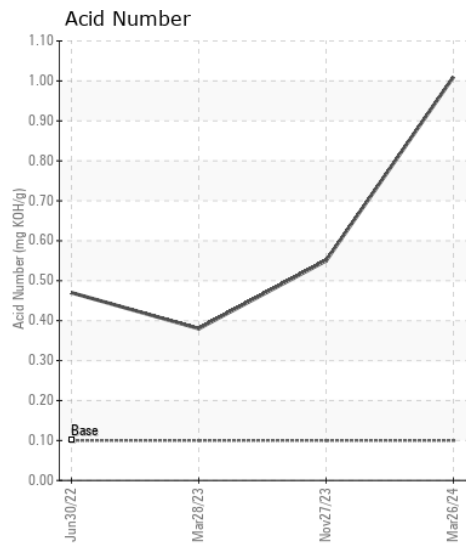
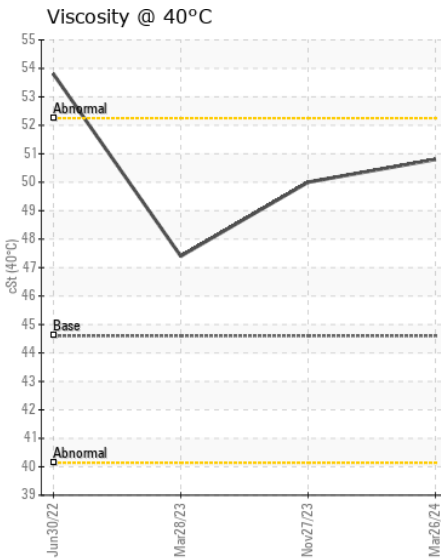
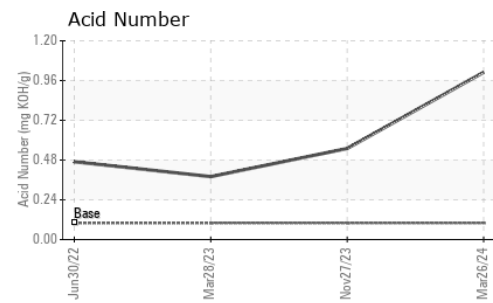
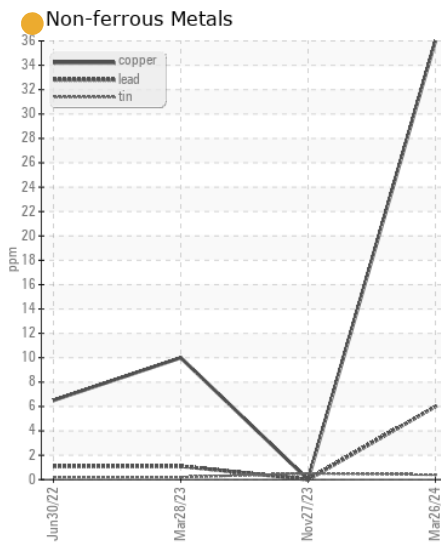
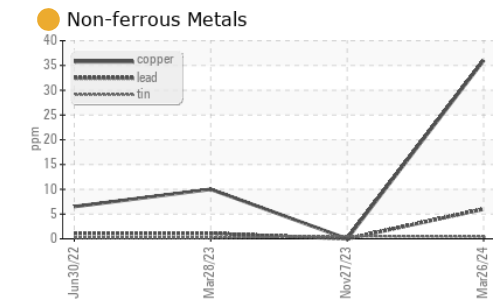
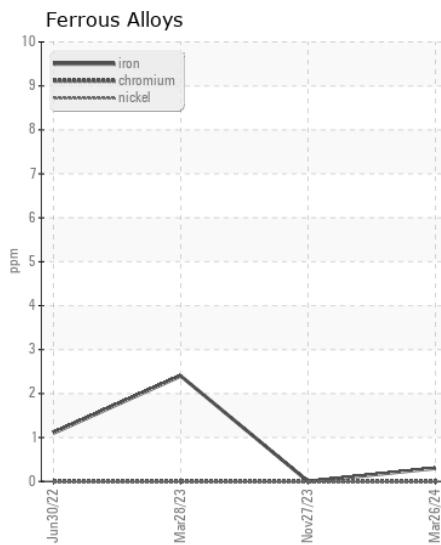
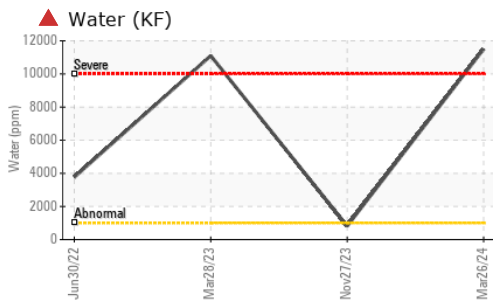
### CONTAMINATION

There is a high concentration of water present in the oil. There is a high amount of visible silt present in the sample. High concentration of visible dirt/debris present in the oil.

### FLUID CONDITION

The AN level is acceptable for this fluid.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>QUC0000726</b>	TO50001844	QUC0000375
Sample Date		Client Info		<b>26 Mar 2024</b>	27 Nov 2023	28 Mar 2023
Machine Age	hrs	Client Info		<b>20128</b>	18157	15679
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>Changed</b>	Not Changed	Not Changed
Filter Changed		Client Info		<b>Changed</b>	Changed	Changed
Sample Status				<b>SEVERE</b>	ABNORMAL	SEVERE
Iron	ppm	ASTM D5185m	>50	<1	0	2
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	0	<1	0
Lead	ppm	ASTM D5185m	>25	6	0	1
Copper	ppm	ASTM D5185m	>50	<b>36</b>	0	10
Tin	ppm	ASTM D5185m	>15	<1	<1	<1
Vanadium	ppm	ASTM D5185m		<1	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>21</b>	6	20
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	4	4
Water	%	ASTM D6304	>0.1	<b>1.15</b>	0.081	<b>1.11</b>
ppm Water	ppm	ASTM D6304	>1000	<b>11500</b>	816	<b>11100</b>
Particles >4µm		ASTM D7647	>10000	---	▲ 85876	---
Particles >6µm		ASTM D7647	>2500	---	▲ 9798	---
Particles >14µm		ASTM D7647	>320	---	▲ 793	---
Particles >21µm		ASTM D7647	>80	---	▲ 245	---
Particles >38µm		ASTM D7647	>20	---	11	---
Particles >71µm		ASTM D7647	>4	---	1	---
Oil Cleanliness		ISO 4406 (c)	>20/18/15	---	▲ 24/20/17	---
Silt	scalar	*Visual	NONE	<b>HEAVY</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>HEAVY</b>	NONE	▲ MODER
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>0.2%</b>	NEG	▲ 0.2%
Sodium	ppm	ASTM D5185m		<b>4</b>	70	46
Boron	ppm	ASTM D5185m		<b>1</b>	0	5
Barium	ppm	ASTM D5185m		<b>3</b>	10	110
Molybdenum	ppm	ASTM D5185m		<b>0</b>	0	<1
Manganese	ppm	ASTM D5185m		<b>0</b>	<1	<1
Magnesium	ppm	ASTM D5185m		<b>0</b>	<1	2
Calcium	ppm	ASTM D5185m		<b>0</b>	0	8
Phosphorus	ppm	ASTM D5185m		<b>154</b>	197	173
Zinc	ppm	ASTM D5185m		<b>26</b>	0	10
Sulfur	ppm	ASTM D5185m		<b>108</b>	220	669
Acid Number (AN)	mg KOH/g	ASTM D8045	.10	<b>1.01</b>	0.55	0.38
Visc @ 40°C	cSt	ASTM D445	44.6	<b>50.8</b>	50.0	47.4
Visc @ 100°C	cSt	ASTM D445	7.8	<b>7.4</b>	7.8	10.8
Viscosity Index (VI)	Scale	ASTM D2270	132	<b>106</b>	123	227



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : QUC0000726 **Received** : 14 Jun 2024  
**Lab Number** : 06210129 **Tested** : 18 Jun 2024  
**Unique Number** : 11082993 **Diagnosed** : 18 Jun 2024 - Angela Borella  
**Test Package** : IND 2 ( Additional Tests: KF, KV100, PrtCount, VI )

**QUALITY COMPRESSOR**  
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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)