



WEAR	NORMAL
CONTAMINATION	ATTENTION
FLUID CONDITION	NORMAL

Machine Id
QUINCY 93076H - QUALITY PACKAGING

Component
Compressor

Fluid
QUINCY QUINSYN (--- GAL)

RECOMMENDATION

No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

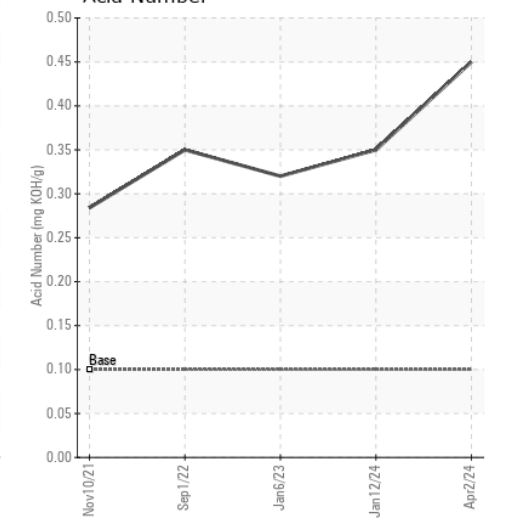
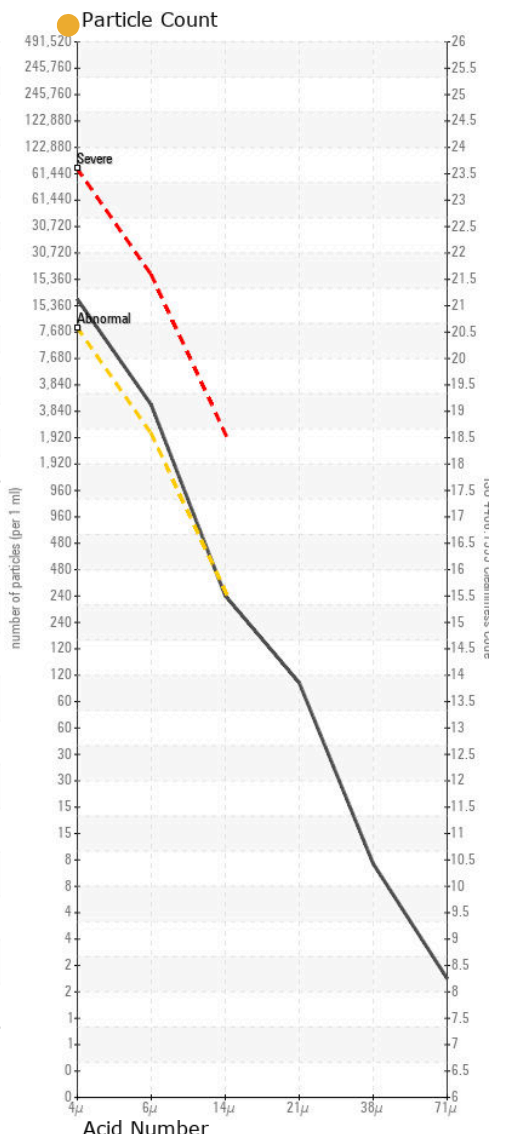
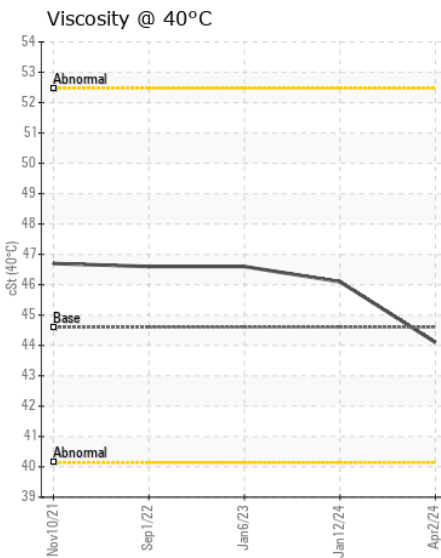
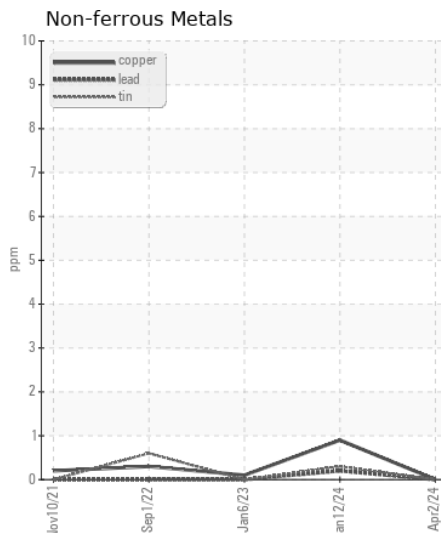
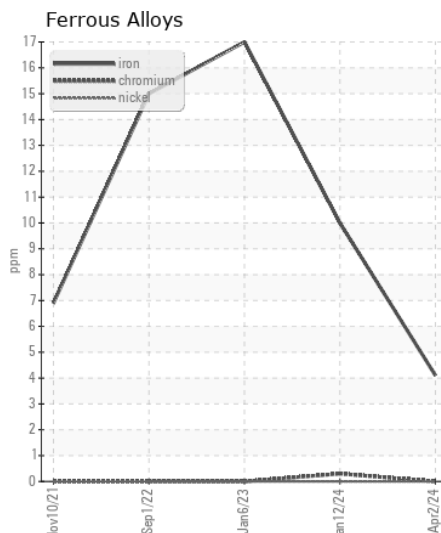
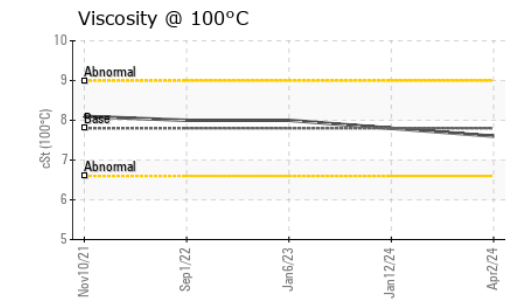
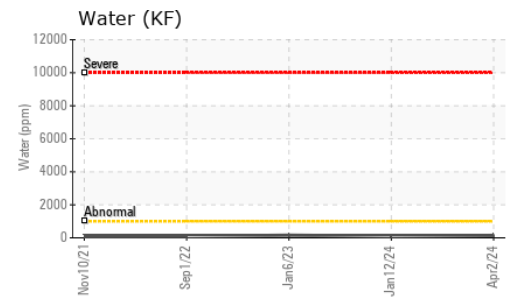
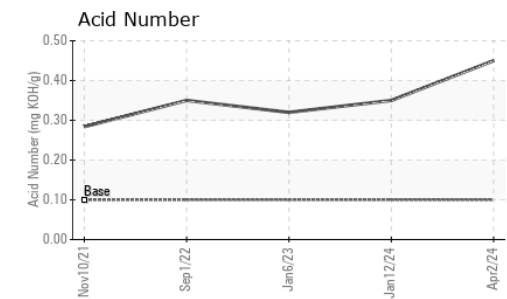
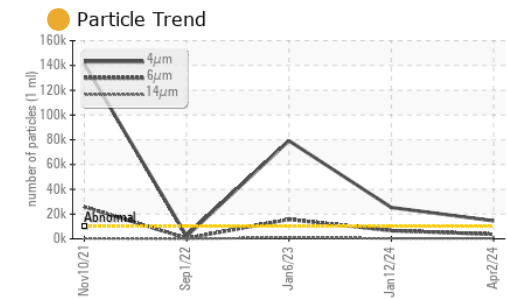
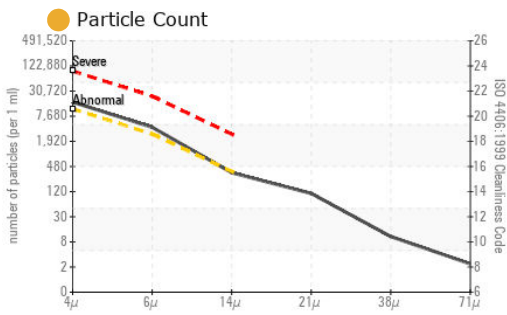
CONTAMINATION

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

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		QUC0000694	QUC0000649	QUC0000202
Sample Date		Client Info		02 Apr 2024	12 Jan 2024	06 Jan 2023
Machine Age	hrs	Client Info		29534	29534	28874
Oil Age	hrs	Client Info		0	0	4000
Filter Age	hrs	Client Info		0	0	1000
Filter Changed		Client Info		Not Changed	Changed	Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				ATTENTION	ABNORMAL	ABNORMAL
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Iron	ppm	ASTM D5185m	>50	4	10	17
Chromium	ppm	ASTM D5185m	>10	0	<1	0
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		0	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	5	20	▲ 33
Lead	ppm	ASTM D5185m	>25	0	<1	0
Copper	ppm	ASTM D5185m	>50	0	<1	<1
Tin	ppm	ASTM D5185m	>15	0	<1	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	VLITE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
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Silicon	ppm	ASTM D5185m	>25	<1	0	<1
Potassium	ppm	ASTM D5185m	>20	<1	3	1
Water	%	ASTM D6304	>0.1	0.014	0.009	0.015
ppm Water	ppm	ASTM D6304	>1000	143	98	154.4
Particles >4µm		ASTM D7647	>10000	● 14551	▲ 25267	▲ 79204
Particles >6µm		ASTM D7647	>2500	● 3645	▲ 6600	▲ 15696
Particles >14µm		ASTM D7647	>320	300	314	▲ 873
Particles >21µm		ASTM D7647	>80	96	60	▲ 192
Particles >38µm		ASTM D7647	>20	9	4	19
Particles >71µm		ASTM D7647	>4	2	0	1
Oil Cleanliness		ISO 4406 (c)	>20/18/15	● 21/19/15	▲ 22/20/15	▲ 23/21/17
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	LIGHT
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
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Sodium	ppm	ASTM D5185m		2	1	4
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	<1	0
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m		0	0	<1
Calcium	ppm	ASTM D5185m		<1	<1	<1
Phosphorus	ppm	ASTM D5185m		133	61	119
Zinc	ppm	ASTM D5185m		10	16	11
Sulfur	ppm	ASTM D5185m		1443	1053	842
Acid Number (AN)	mg KOH/g	ASTM D8045	.10	0.45	0.35	0.32
Visc @ 40°C	cSt	ASTM D445	44.6	44.1	46.1	46.6
Visc @ 100°C	cSt	ASTM D445	7.8	7.6	7.8	8
Viscosity Index (VI)	Scale	ASTM D2270	132	140	138	143



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : QUC0000694 **Received** : 25 Apr 2024
Lab Number : 06160349 **Tested** : 26 Apr 2024
Unique Number : 10995772 **Diagnosed** : 27 Apr 2024 - Don Baldrige
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)

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