



WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id
INGERSOLL RAND 1265 - SELECT BLEND TEA

Component
Compressor

Fluid
QUINCY QUINSYN F (5 GAL)

RECOMMENDATION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		QUC0000907	QUC0000639	---
Sample Date		Client Info		03 Jun 2024	15 Mar 2024	---
Machine Age	hrs	Client Info		32851	32322	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				ABNORMAL	ATTENTION	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>50	0	0	---
Chromium	ppm	ASTM D5185m	>10	0	0	---
Nickel	ppm	ASTM D5185m		0	0	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>25	2	1	---
Lead	ppm	ASTM D5185m	>25	0	0	---
Copper	ppm	ASTM D5185m	>50	0	<1	---
Tin	ppm	ASTM D5185m	>15	0	0	---
Vanadium	ppm	ASTM D5185m		<1	<1	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

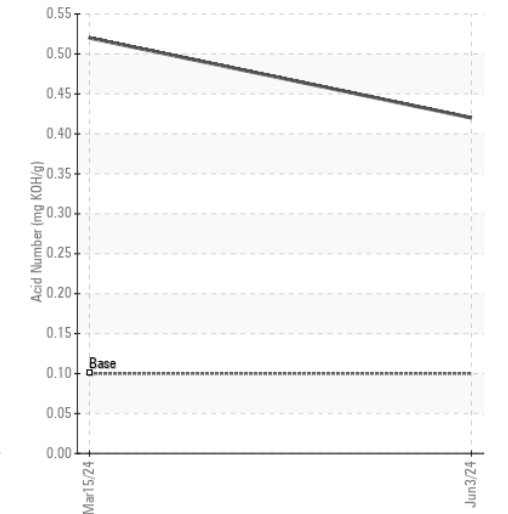
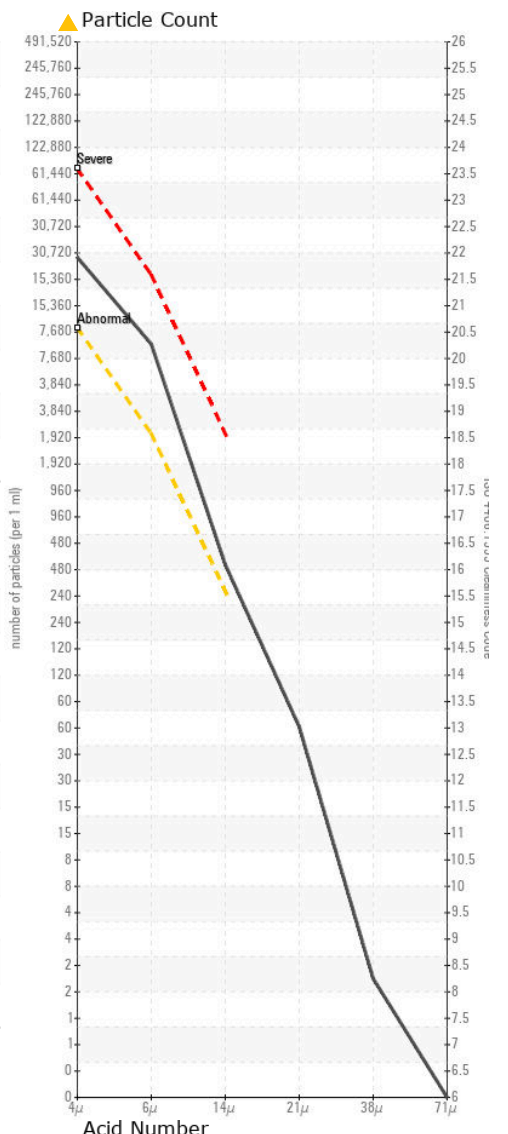
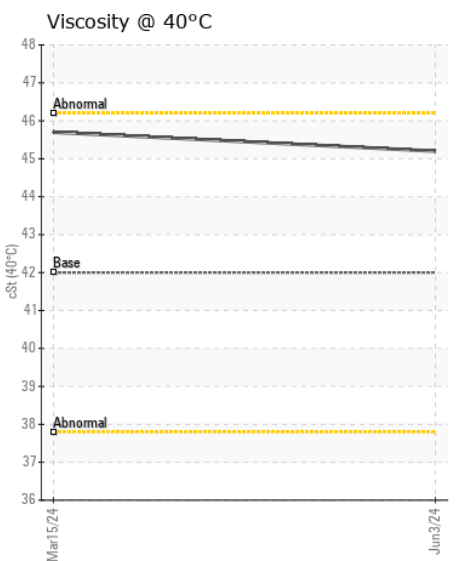
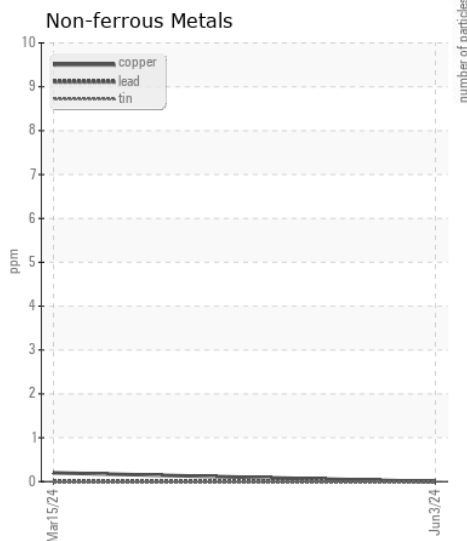
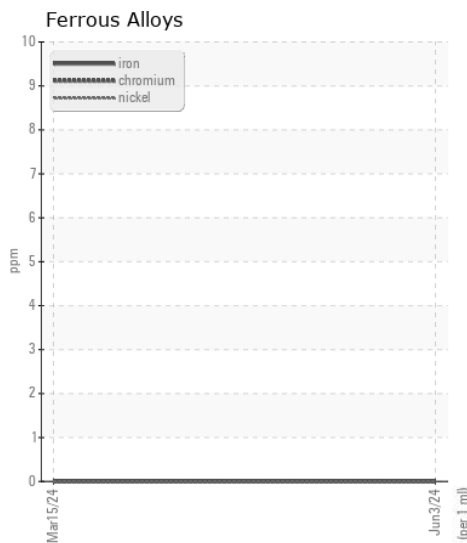
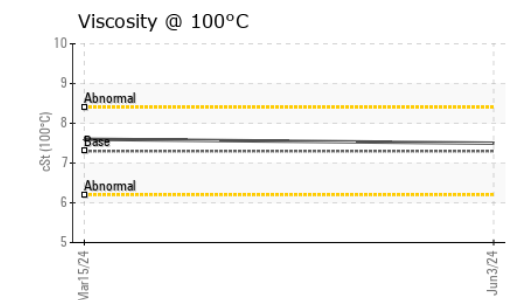
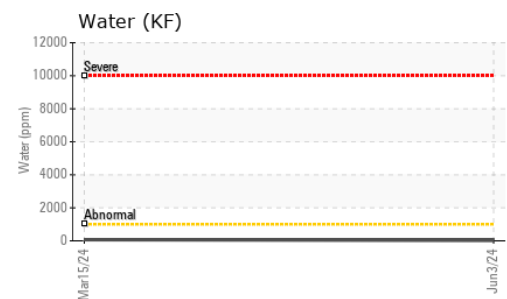
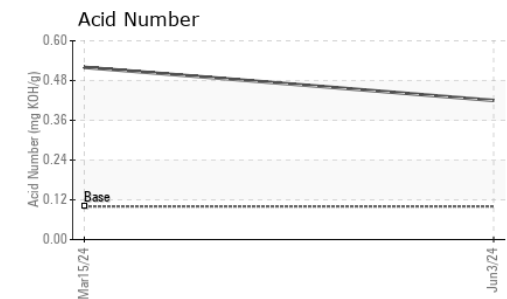
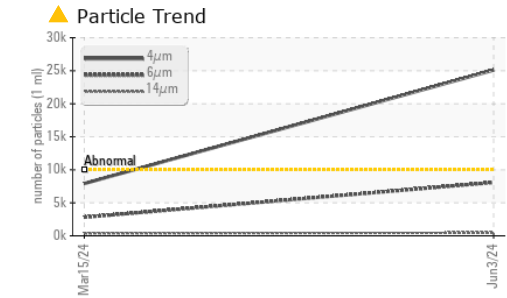
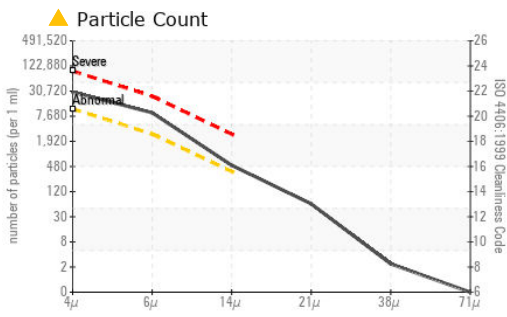
There is a high amount of particulates present in the oil.

Silicon	ppm	ASTM D5185m	>25	2	<1	---
Potassium	ppm	ASTM D5185m	>20	0	<1	---
Water	%	ASTM D6304	>0.1	0.002	0.006	---
ppm Water	ppm	ASTM D6304	>1000	25	68	---
Particles >4µm		ASTM D7647	>10000	▲ 25103	7915	---
Particles >6µm		ASTM D7647	>2500	▲ 8077	2810	---
Particles >14µm		ASTM D7647	>320	● 451	366	---
Particles >21µm		ASTM D7647	>80	● 54	97	---
Particles >38µm		ASTM D7647	>20	2	3	---
Particles >71µm		ASTM D7647	>4	0	0	---
Oil Cleanliness		ISO 4406 (c)	>20/18/15	▲ 22/20/16	20/19/16	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	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		<1	2	---
Boron	ppm	ASTM D5185m		<1	0	---
Barium	ppm	ASTM D5185m		0	0	---
Molybdenum	ppm	ASTM D5185m		0	0	---
Manganese	ppm	ASTM D5185m		0	0	---
Magnesium	ppm	ASTM D5185m		0	0	---
Calcium	ppm	ASTM D5185m		0	0	---
Phosphorus	ppm	ASTM D5185m		136	144	---
Zinc	ppm	ASTM D5185m		16	13	---
Sulfur	ppm	ASTM D5185m		0	20	---
Acid Number (AN)	mg KOH/g	ASTM D8045	.10	0.42	0.52	---
Visc @ 40°C	cSt	ASTM D445	42	45.2	45.7	---
Visc @ 100°C	cSt	ASTM D445	7.3	7.5	7.6	---
Viscosity Index (VI)	Scale	ASTM D2270	135	131	133	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : QUC0000907 **Received** : 14 Jun 2024
Lab Number : 06210126 **Tested** : 18 Jun 2024
Unique Number : 11082990 **Diagnosed** : 18 Jun 2024 - Angela Borella
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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