



WEAR	NORMAL
CONTAMINATION	ATTENTION
FLUID CONDITION	NORMAL

Machine Id
GARDNER DENVER S019311 - MARTIN CONVEYOR

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.

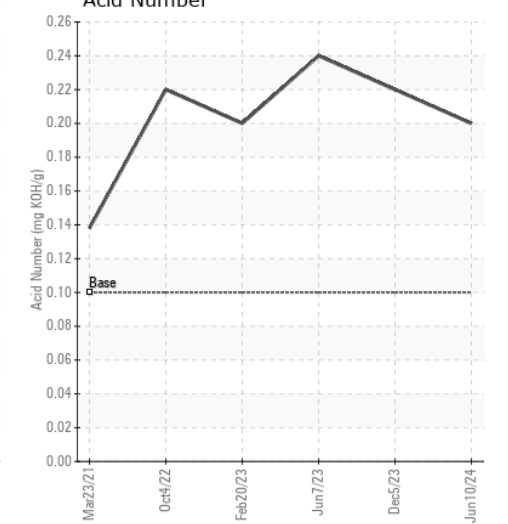
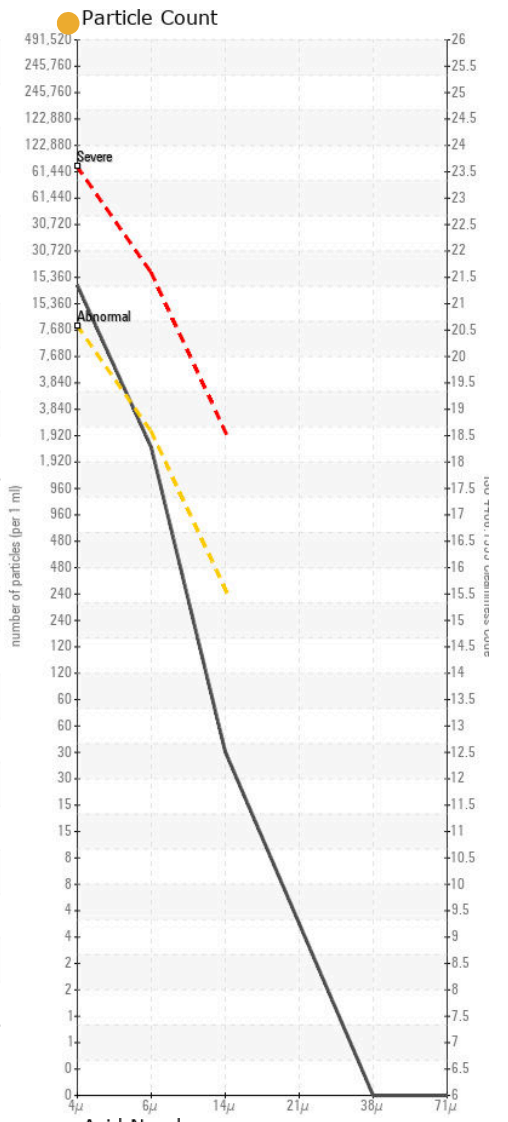
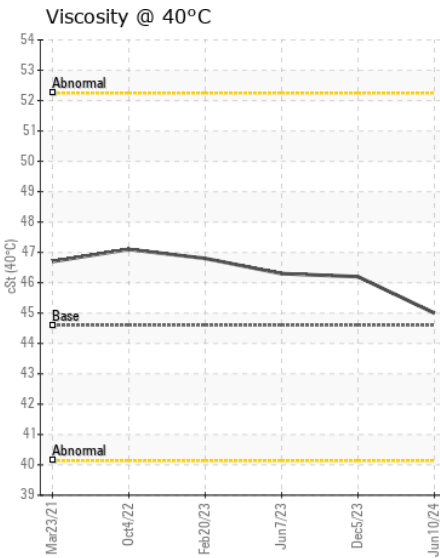
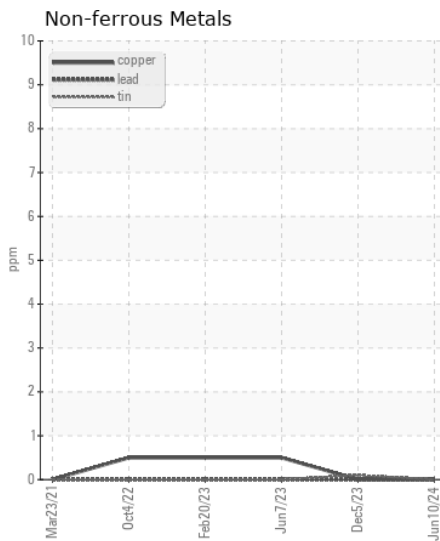
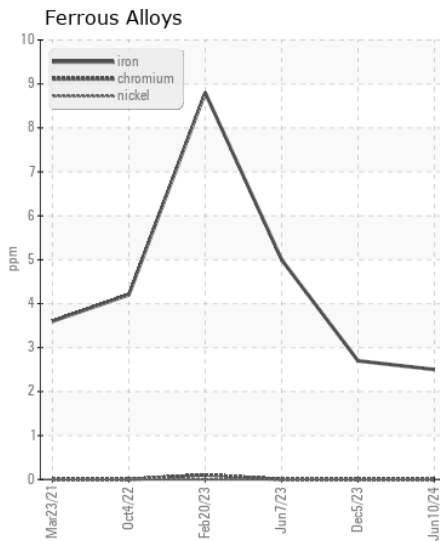
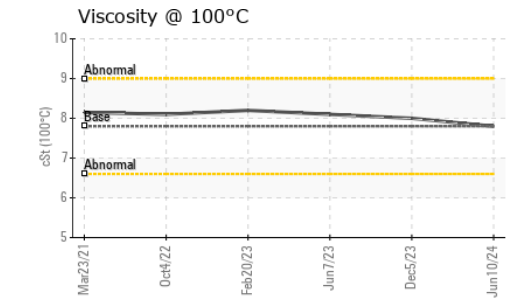
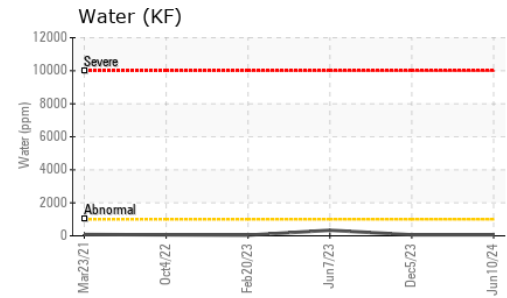
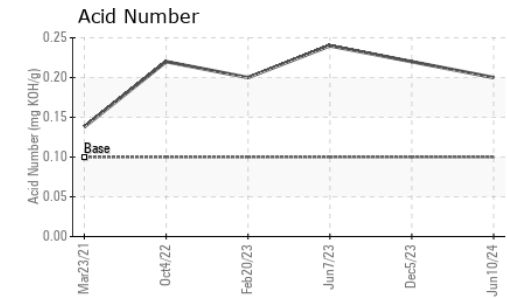
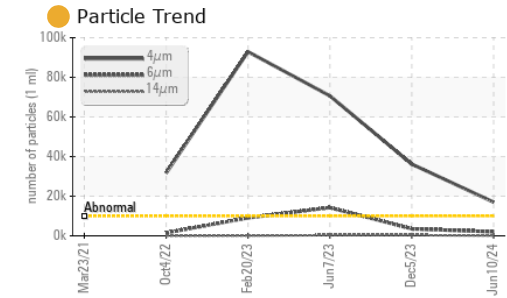
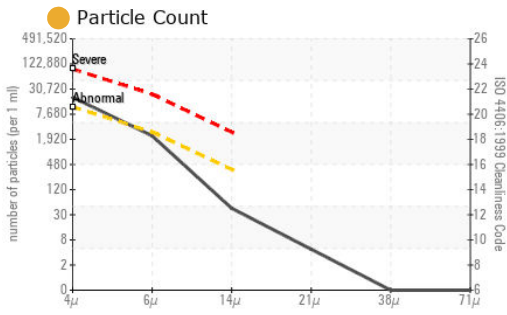
CONTAMINATION

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 suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		QUC0000815	TO50001857	QUC0000317
Sample Date		Client Info		10 Jun 2024	05 Dec 2023	07 Jun 2023
Machine Age	hrs	Client Info		58274	57941	57766
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changed	Not Changed	Not Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				ATTENTION	ABNORMAL	ABNORMAL
Iron	ppm	ASTM D5185m	>50	2	3	5
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		0	0	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	0	<1	0
Lead	ppm	ASTM D5185m	>25	0	0	0
Copper	ppm	ASTM D5185m	>50	0	0	<1
Tin	ppm	ASTM D5185m	>15	0	<1	0
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>25	<1	2	2
Potassium	ppm	ASTM D5185m	>20	0	2	1
Water	%	ASTM D6304	>0.1	0.006	0.006	0.033
ppm Water	ppm	ASTM D6304	>1000	60	60	337.7
Particles >4µm		ASTM D7647	>10000	17004	▲ 36204	▲ 70649
Particles >6µm		ASTM D7647	>2500	2035	▲ 3532	▲ 14220
Particles >14µm		ASTM D7647	>320	38	▲ 365	● 329
Particles >21µm		ASTM D7647	>80	4	▲ 111	35
Particles >38µm		ASTM D7647	>20	0	5	0
Particles >71µm		ASTM D7647	>4	0	1	0
Oil Cleanliness		ISO 4406 (c)	>20/18/15	21/18/12	▲ 22/19/16	▲ 23/21/16
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
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
Sodium	ppm	ASTM D5185m		10	9	9
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		0	0	<1
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	<1	<1
Magnesium	ppm	ASTM D5185m		0	2	7
Calcium	ppm	ASTM D5185m		0	0	2
Phosphorus	ppm	ASTM D5185m		103	127	130
Zinc	ppm	ASTM D5185m		58	55	54
Sulfur	ppm	ASTM D5185m		1265	1133	1255
Acid Number (AN)	mg KOH/g	ASTM D8045	.10	0.20	0.22	0.24
Visc @ 40°C	cSt	ASTM D445	44.6	45.0	46.2	46.3
Visc @ 100°C	cSt	ASTM D445	7.8	7.8	8	8.1
Viscosity Index (VI)	Scale	ASTM D2270	132	143	145	148



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : QUC0000815 **Received** : 14 Jun 2024
Lab Number : 06210119 **Tested** : 18 Jun 2024
Unique Number : 11082983 **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)

QUALITY COMPRESSOR

4428 CR 616
 ALVARADO, TX
 US 76009
 Contact: SEAN
 SEAN@QCOMPRESSOR.COM

T: (817)822-1333

F: