



Machine Id
SHULTZ 32728 - SABRE
 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.

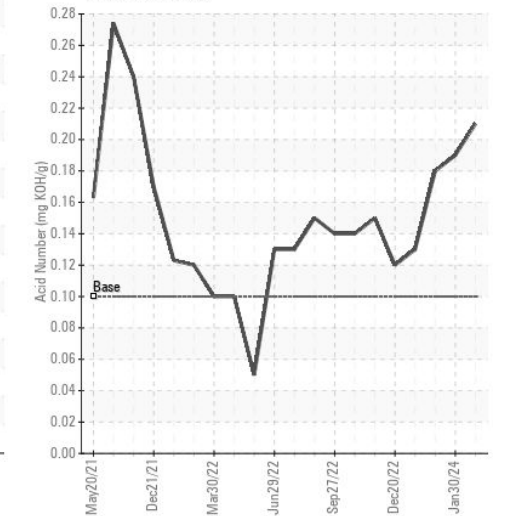
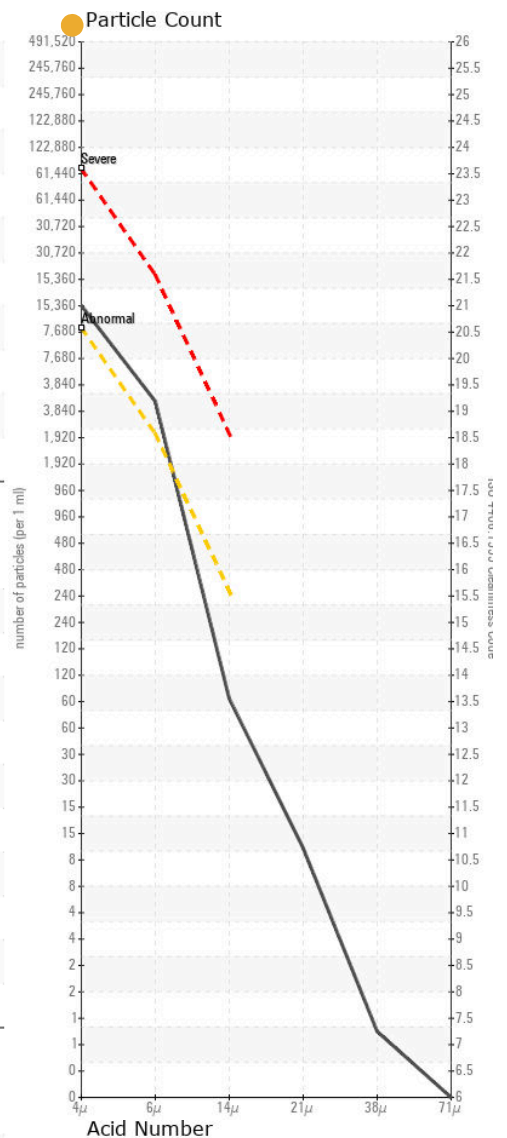
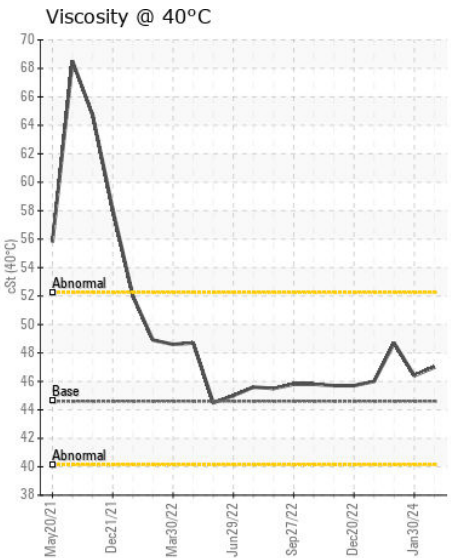
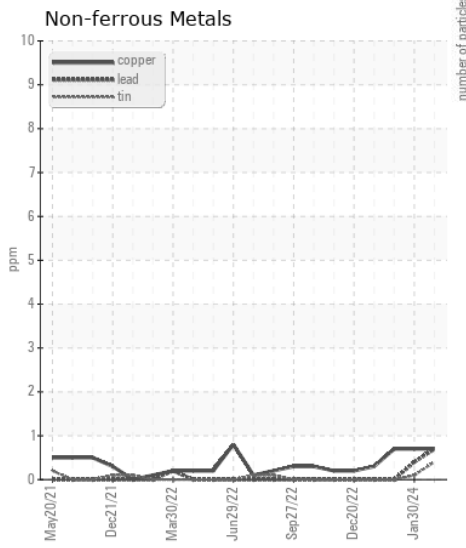
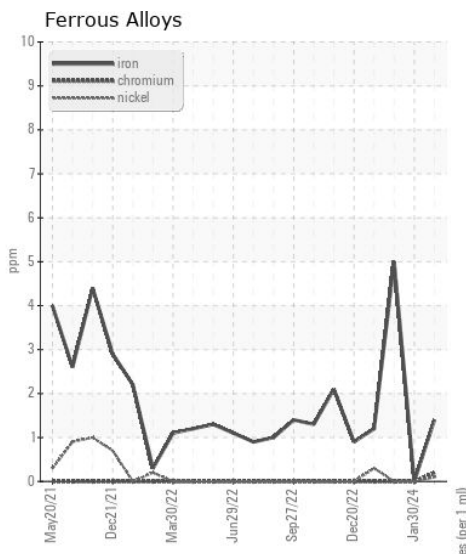
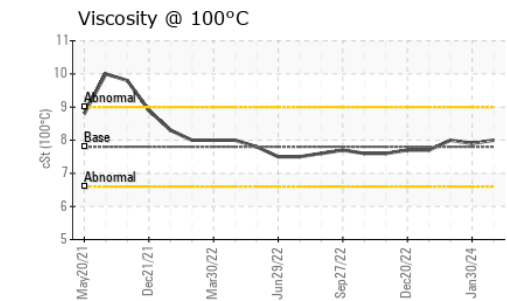
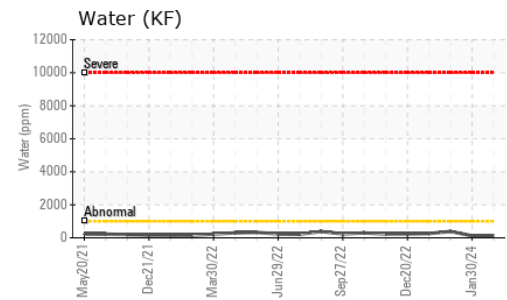
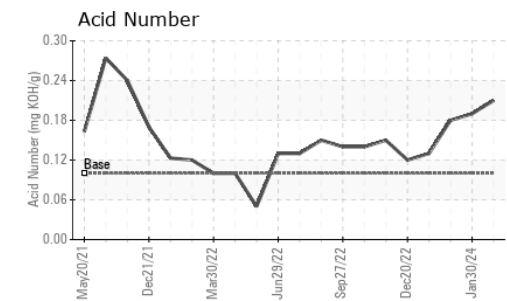
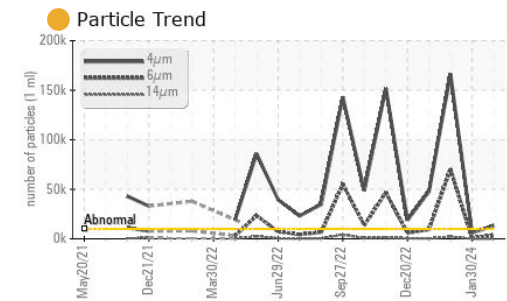
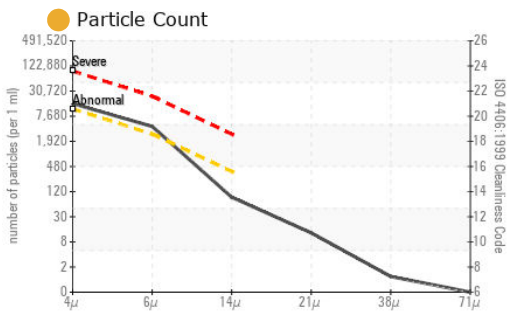
CONTAMINATION

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		QUC0000641	QUC0000601	QUC0000481
Sample Date		Client Info		24 Apr 2024	30 Jan 2024	28 Jun 2023
Machine Age	hrs	Client Info		9703	8896	7289
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Filter Changed		Client Info		Not Changed	Not Changed	Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				ATTENTION	NORMAL	ABNORMAL
Iron	ppm	ASTM D5185m	>50	1	0	5
Chromium	ppm	ASTM D5185m	>10	<1	0	0
Nickel	ppm	ASTM D5185m		<1	0	0
Titanium	ppm	ASTM D5185m		<1	0	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	3	4	<1
Lead	ppm	ASTM D5185m	>25	<1	<1	0
Copper	ppm	ASTM D5185m	>50	<1	<1	<1
Tin	ppm	ASTM D5185m	>15	<1	<1	0
Vanadium	ppm	ASTM D5185m		0	0	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>25	<1	<1	5
Potassium	ppm	ASTM D5185m	>20	2	2	<1
Water	%	ASTM D6304	>0.1	0.012	0.012	0.038
ppm Water	ppm	ASTM D6304	>1000	129	126	384.1
Particles >4µm		ASTM D7647	>10000	13373	5942	166242
Particles >6µm		ASTM D7647	>2500	3814	489	70362
Particles >14µm		ASTM D7647	>320	78	17	2024
Particles >21µm		ASTM D7647	>80	11	3	231
Particles >38µm		ASTM D7647	>20	1	0	2
Particles >71µm		ASTM D7647	>4	0	0	0
Oil Cleanliness		ISO 4406 (c)	>20/18/15	21/19/13	20/16/11	25/23/18
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	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		<1	10	5
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		0	<1	0
Molybdenum	ppm	ASTM D5185m		<1	0	0
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		7	8	3
Calcium	ppm	ASTM D5185m		0	3	13
Phosphorus	ppm	ASTM D5185m		121	144	301
Zinc	ppm	ASTM D5185m		64	43	20
Sulfur	ppm	ASTM D5185m		847	976	1109
Acid Number (AN)	mg KOH/g	ASTM D8045	.10	0.21	0.19	0.18
Visc @ 40°C	cSt	ASTM D445	44.6	47.0	46.4	48.7
Visc @ 100°C	cSt	ASTM D445	7.8	8.0	7.9	8
Viscosity Index (VI)	Scale	ASTM D2270	132	142	141	135



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : QUC0000641 **Received** : 14 Jun 2024
Lab Number : 06210114 **Tested** : 21 Jun 2024
Unique Number : 11082978 **Diagnosed** : 21 Jun 2024 - 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)

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