

PROBLEM SUMMARY

Machine Id FRICK FRICK B Component Screw Compressor Fluid ISO 100 (--- GAL)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS								
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL		
Water	%	ASTM D6304	>0.1	0.477	0.373	0.339		
ppm Water	ppm	ASTM D6304	>1000	4770	A 3734.5	▲ 3392.5		

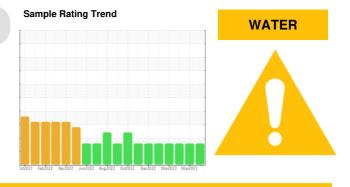
Customer Id: GARROW Sample No.: TO60000859 Lab Number: 05881513 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Jonathan Hester +1 919-379-4092 x4092 jhester@wearcheckusa.com

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com



RECOMMENDED ACTIONS							
Action	Status	Date	Done By	Description			
Change Filter			?	We recommend you service the filters on this component.			

HISTORICAL DIAGNOSIS



11 May 2023 Diag: Doug Bogart

We recommend you service the filters on this component. Resample at the next service interval to monitor.All component wear rates are normal. There is a light concentration of water present in the oil. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



view report

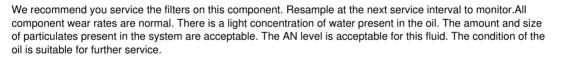
24 Apr 2023 Diag: Don Baldridge

WATER



We recommend you service the filters on this component. Resample at the next service interval to monitor.All component wear rates are normal. There is a light concentration of water present in the oil. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

07 Mar 2023 Diag: Angela Borella









OIL ANALYSIS REPORT

Sample Rating Trend

WATER

Machine Id FRICK FRICK B Component Screw Compressor Fluid

ISO 100 (--- GAL)

DIAGNOSIS

A Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is a light concentration of water present in the oil. The amount and size of particulates present in the system are acceptable.

Fluid Condition

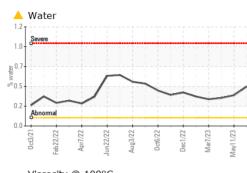
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

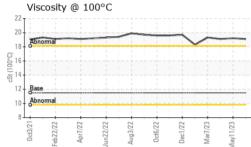
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TO60000859	TO60000862	TO60000855
Sample Date		Client Info		06 Jun 2023	11 May 2023	24 Apr 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>60	<1	<1	<1
Chromium	ppm	ASTM D5185m	>4	<1	<1	0
Nickel	ppm	ASTM D5185m		1	<1	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>5	0	0	0
Lead	ppm	ASTM D5185m	>10	۰ <1	0	0
Copper	ppm	ASTM D5185m		0	0	0
Tin		ASTM D5185m	>30	2	0	0
Vanadium	ppm		210	0	<1	0
Vanadium Cadmium	ppm ppm	ASTM D5185m ASTM D5185m		0	<1	0
ADDITIVES	6 F 11	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<1	0	0
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		<1	0	0
Magnesium		ASTM D5185m		<1	<1	<1
Calcium	ppm	ASTM D5185m		0	<1	0
	ppm			24		
Phosphorus	ppm	ASTM D5185m			22	23
Zinc	ppm	ASTM D5185m		0	0	0
Sulfur	ppm	ASTM D5185m		2815	2031	2219
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm		>50	20	22	21
Sodium	ppm	ASTM D5185m		0	3	<1
Potassium	ppm	ASTM D5185m	>20	4	<1	<1
Water	%	ASTM D6304		<u> </u>	▲ 0.373	▲ 0.339
ppm Water	ppm	ASTM D6304	>1000	4770	▲ 3734.5	▲ 3392.5
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	5649	5812	4753
Particles >6µm		ASTM D7647	>2500	1452	1330	1031
Particles >14µm		ASTM D7647	>320	83	71	36
		ASTM D7647	>80	16	15	7
Particles >21µm			00		4	1
Particles >21µm Particles >38µm		ASTM D7647	>20	1	1	1
		ASTM D7647 ASTM D7647		1 0	0	0
Particles >38µm						
Particles >38µm Particles >71µm	TION	ASTM D7647	>4	0	0	0

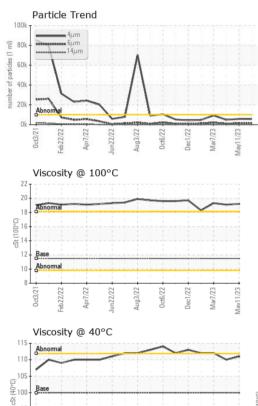
Contact/Location: DUSTIN FRY - GARROW



OIL ANALYSIS REPORT







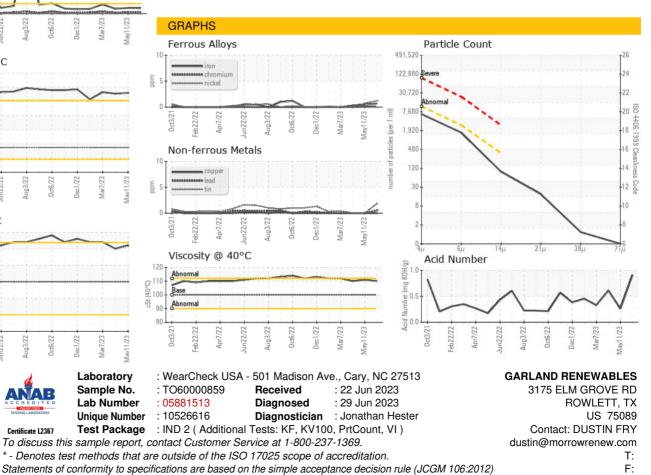
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VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*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	0.2%	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	100	110	111	110
Visc @ 100°C	cSt	ASTM D445	11.5	19.1	19.2	19.1
Viscosity Index (VI)	Scale	ASTM D2270	102	195	195	195
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						

Bottom



Report Id: GARROW [WUSCAR] 05881513 (Generated: 07/19/2023 15:12:32) Rev: 1

Contact/Location: DUSTIN FRY - GARROW