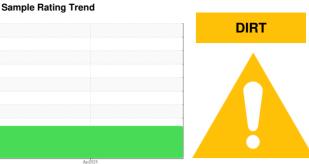


## **OIL ANALYSIS REPORT**

# PORT





# TRANE L91F03617 CH-2

Refrigeration Compressor Fluid TRANE 0022 (10 GAL)

### **DIAGNOSIS**

#### Recommendation

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

### Wear

The tin level is abnormal. All other component wear rates are normal.

#### Contamination

Elemental level of silicon (Si) above normal.

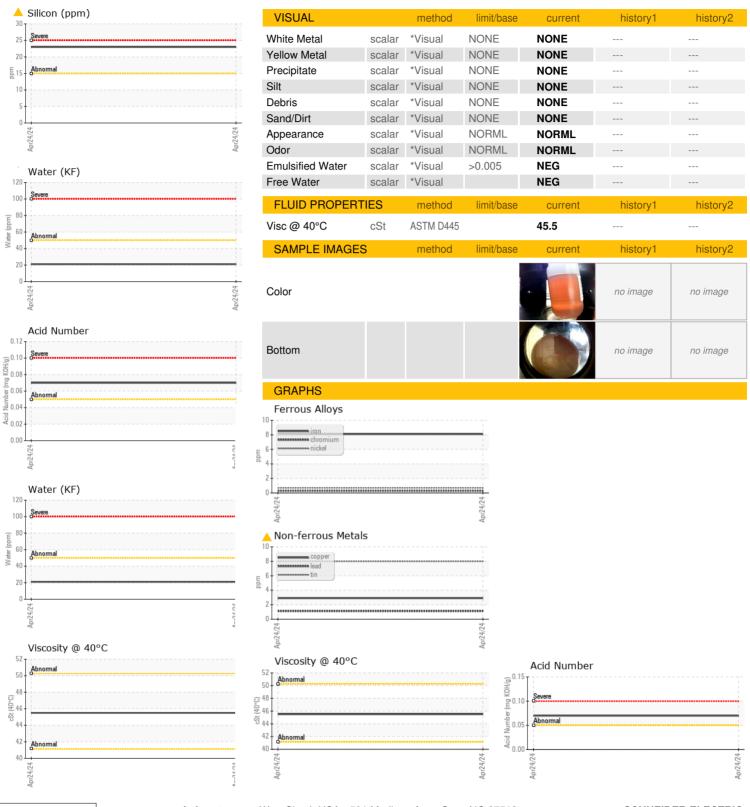
#### **Fluid Condition**

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

		<u>.                                      </u>		Apr2024	,	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0930543		
Sample Date		Client Info		24 Apr 2024		
Machine Age	hrs	Client Info		40000		
Oil Age	hrs	Client Info		5000		
Oil Changed		Client Info		Changed		
Sample Status				ABNORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>8	8		
Chromium	ppm	ASTM D5185m	>2	<1		
Nickel	ppm	ASTM D5185m		<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>3	2		
Lead	ppm	ASTM D5185m	>2	1		
Copper	ppm	ASTM D5185m	>8	3		
Tin	ppm	ASTM D5185m	>4	<u>^</u> 8		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		1		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		3		
Phosphorus	ppm	ASTM D5185m		0		
Zinc	ppm	ASTM D5185m		32		
Sulfur	ppm	ASTM D5185m		0		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	<u>^</u> 23		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	<1		
Water	%	ASTM D6304	>0.005	0.002		
ppm Water	ppm	ASTM D6304	>50	21		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974		0.07		



## **OIL ANALYSIS REPORT**







Laboratory Sample No.

Lab Number : 06160453

: WC0930543 Unique Number : 10995876 Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 25 Apr 2024 **Tested** : 26 Apr 2024

Diagnosed : 27 Apr 2024 - Don Baldridge

Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369.

 $^st$  - 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)

**SCHNEIDER ELECTRIC** 

PO DRAWER 185 MORRISVILLE, NC US 27560

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