



OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area

[SV2311200597]

Machine Id

TRANE MATOACA HIGH SCHOOL CH2 (S/N L01E08692)

Component

Refrigeration Compressor

Fluid

TRANE 68 (--- GAL)



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

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

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	WC0812065	---	---
Sample Date	Client Info	09 Apr 2024	---	---
Machine Age	hrs Client Info	32044	---	---
Oil Age	hrs Client Info	2022	---	---
Oil Changed	Client Info	Filtered	---	---
Sample Status		NORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185m	>8	0	---	---
Chromium ppm ASTM D5185m	>2	0	---	---
Nickel ppm ASTM D5185m		0	---	---
Titanium ppm ASTM D5185m		<1	---	---
Silver ppm ASTM D5185m	>2	0	---	---
Aluminum ppm ASTM D5185m	>3	0	---	---
Lead ppm ASTM D5185m	>2	<1	---	---
Copper ppm ASTM D5185m	>8	<1	---	---
Tin ppm ASTM D5185m	>4	<1	---	---
Vanadium ppm ASTM D5185m		<1	---	---
Cadmium ppm ASTM D5185m		0	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm ASTM D5185m		0	---	---
Barium ppm ASTM D5185m		0	---	---
Molybdenum ppm ASTM D5185m		0	---	---
Manganese ppm ASTM D5185m		<1	---	---
Magnesium ppm ASTM D5185m		0	---	---
Calcium ppm ASTM D5185m		0	---	---
Phosphorus ppm ASTM D5185m		0	---	---
Zinc ppm ASTM D5185m		0	---	---
Sulfur ppm ASTM D5185m		0	---	---

CONTAMINANTS

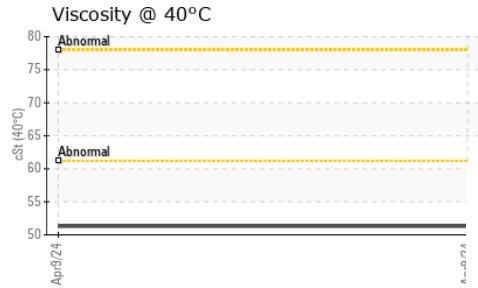
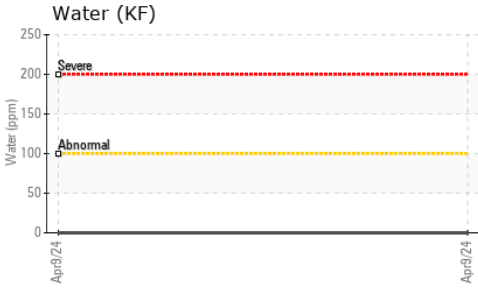
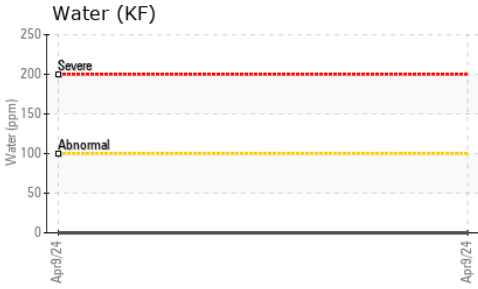
method	limit/base	current	history1	history2
Silicon ppm ASTM D5185m	>15	13	---	---
Sodium ppm ASTM D5185m		1	---	---
Potassium ppm ASTM D5185m	>20	<1	---	---
Water % ASTM D6304	>0.01	0.00	---	---
ppm Water ppm ASTM D6304	>100	0	---	---

FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g ASTM D974		0.014	---	---



OIL ANALYSIS REPORT



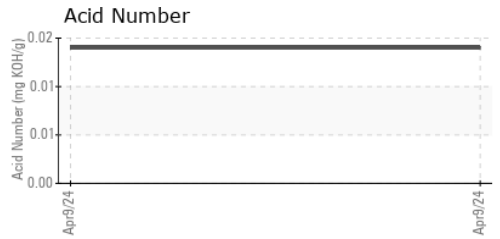
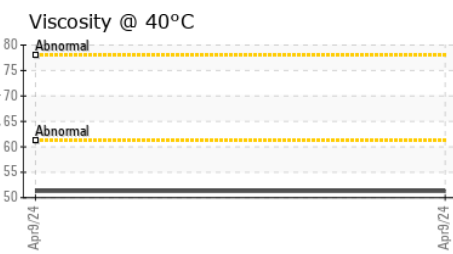
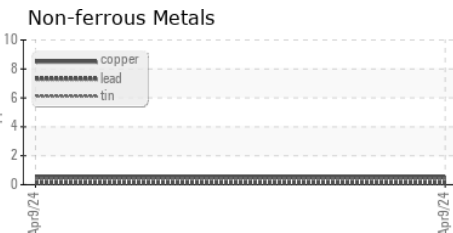
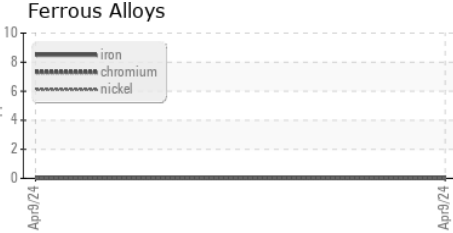
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Precipitate	scalar	*Visual	NONE	NONE	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.01	NEG	---	---
Free Water	scalar	*Visual		NEG	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	51.3	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color				no image	no image
Bottom				no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0812065 **Received** : 10 Jun 2024
Lab Number : 06204764 **Tested** : 12 Jun 2024
Unique Number : 11072225 **Diagnosed** : 12 Jun 2024 - Angela Borella
Test Package : IND 2

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 HENRICO, VA
 US 23228
 Contact: AMANDA CARRIER
 amanda.carrier@daikinapplied.com

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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