



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	MARGINAL
FLUID CONDITION	NORMAL

Machine Id
OAKWOOD VILLAGE EAST C1A CIRC 1 (S/N U18H01620)
 Component
Refrigeration Compressor
 Fluid
TRANE 0048 (--- GAL)

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

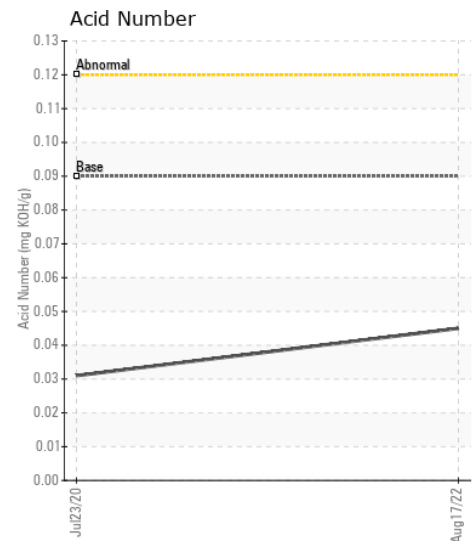
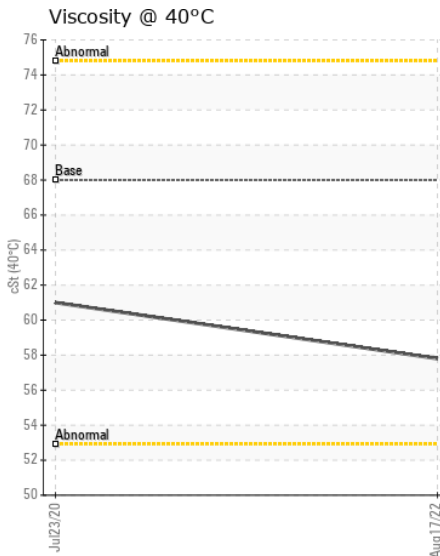
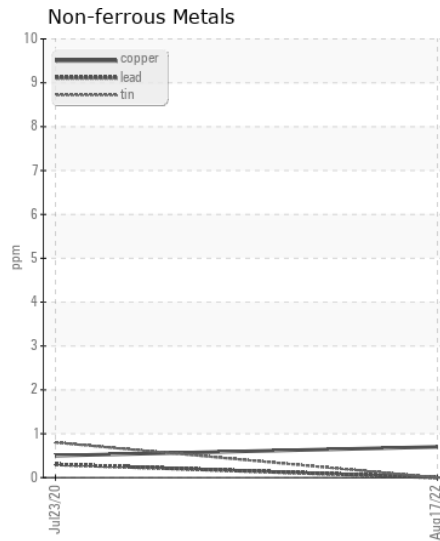
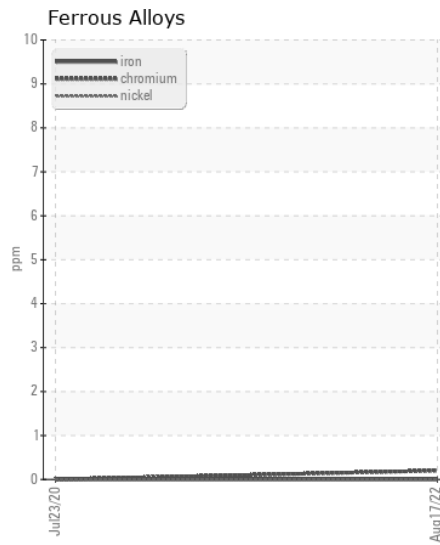
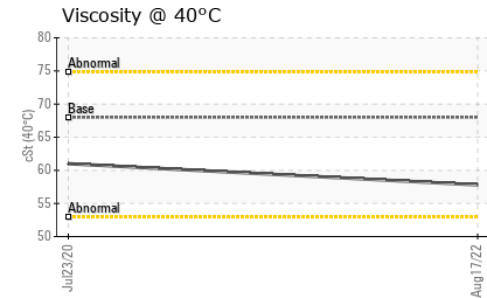
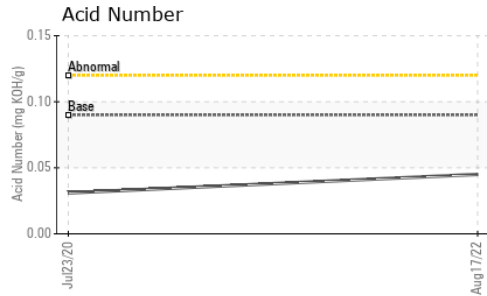
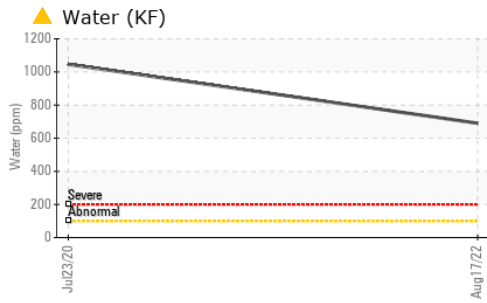
CONTAMINATION

There is a light concentration of water present in the oil.

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		WC0730383	WC0487189	---
Sample Date		Client Info		17 Aug 2022	23 Jul 2020	---
Machine Age	hrs	Client Info		0	1459	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	N/A	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				MARGINAL	ABNORMAL	---
Iron	ppm	ASTM D5185m	>8	0	0	---
Chromium	ppm	ASTM D5185m	>2	<1	0	---
Nickel	ppm	ASTM D5185m		0	0	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m	>2	<1	0	---
Aluminum	ppm	ASTM D5185m	>3	2	0	---
Lead	ppm	ASTM D5185m	>2	0	<1	---
Copper	ppm	ASTM D5185m	>8	<1	<1	---
Tin	ppm	ASTM D5185m	>4	0	<1	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>15	3	2	---
Potassium	ppm	ASTM D5185m	>20	1	<1	---
Water	%	ASTM D6304	>0.01	▲ 0.068	▲ 0.104	---
ppm Water	ppm	ASTM D6304	>100	▲ 690	1045.8	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	LIGHT	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.01	NEG	NEG	---
Sodium	ppm	ASTM D5185m		0	<1	---
Boron	ppm	ASTM D5185m	1	0	2	---
Barium	ppm	ASTM D5185m	0	0	0	---
Molybdenum	ppm	ASTM D5185m	0	0	<1	---
Manganese	ppm	ASTM D5185m	0	0	0	---
Magnesium	ppm	ASTM D5185m	0	<1	0	---
Calcium	ppm	ASTM D5185m	0	3	0	---
Phosphorus	ppm	ASTM D5185m	5	0	4	---
Zinc	ppm	ASTM D5185m	0	0	0	---
Sulfur	ppm	ASTM D5185m	10	0	18	---
Acid Number (AN)	mg KOH/g	ASTM D974	0.09	0.045	0.031	---
Visc @ 40°C	cSt	ASTM D445	68	57.8	61.0	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : WC0730383

Lab Number : 06187788

Unique Number : 11044540

Test Package : IND 2

Received : 22 May 2024

Tested : 23 May 2024

Diagnosed : 26 May 2024 - Don Baldrige

NORTH AMERICAN MECHANICAL

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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)