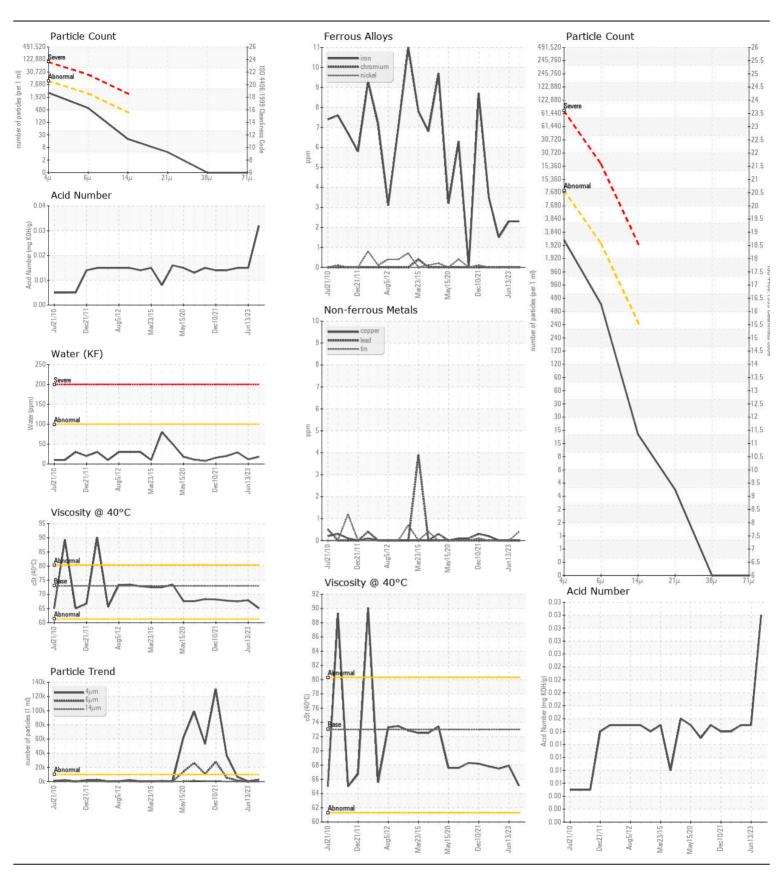
**WEAR** CONTAMINATION **FLUID CONDITION**  **NORMAL NORMAL NORMAL** 

Machine Id

## FRICK C-1 (S/N 50795PFMPTHAC2)

Refrigeration Compressor

RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
TEOOMMENDATION	Sample Number	OOW	Client Info	Littleyton	USP0011421	USP250098	USP24797
Resample at the next service interval to monitor.	Sample Date		Client Info		08 May 2024		07 Dec 202
	Machine Age	hrs	Client Info		13450	11711	7709
	Oil Age	hrs	Client Info		0	0	0
	Filter Age	hrs	Client Info		0	6781	0
	Oil Changed		Client Info		N/A	N/A	N/A
	Filter Changed		Client Info		N/A	Not Changd	N/A
	Sample Status				NORMAL	NORMAL	NORMAL
WEAR	Iron	ppm	ASTM D5185m	<b>\</b> 8	2	2	2
WLAII	Chromium	ppm	ASTM D5185m		0	0	0
All component wear rates are normal.	Nickel	ppm	ASTM D5185m	/ _	0	0	0
	Titanium	ppm	ASTM D5185m		0	0	0
	Silver	ppm	ASTM D5185m	>2	0	0	0
	Aluminum	ppm	ASTM D5185m		1	0	<1
	Lead	ppm	ASTM D5185m		0	0	0
	Copper	ppm	ASTM D5185m		0	0	0
	Tin	ppm	ASTM D5185m		<1	0	0
	Vanadium	ppm	ASTM D5185m		0	0	0
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
CONTAMINATION	Silicon	ppm	ASTM D5185m		<1	0	0
There is no indication of any contemplation in the city. The amount and	Potassium	ppm	ASTM D5185m	>20	0	<1	0
There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.	Water	%	ASTM D6304		0.002	0.001	0.003
	ppm Water	ppm	ASTM D6304	>100	18	11.7	29.2
	Particles >4µm		ASTM D7647		2746	571	6704
	Particles >6µm		ASTM D7647		513	115	1397
	Particles >14μm		ASTM D7647		17	6	40
	Particles >21μm		ASTM D7647		4	2	7
	Particles >38μm		ASTM D7647		0	0	0
	Particles >71μm		ASTM D7647		0	0	0
	Oil Cleanliness		ISO 4406 (c)	>20/18/15	19/16/11	16/14/10	20/18/1
	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	NORM
	Odor	scalar	*Visual	NORML	NORML	NORML	NORM
<u></u>	Emulsified Water	scalar	*Visual	>0.01	NEG	NEG	NEG
FLUID CONDITION	Sodium	ppm	ASTM D5185m		1	0	0
The AN level is acceptable for this fluid. The condition of the cities	Boron	ppm	ASTM D5185m		0	0	0
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.	Barium	ppm	ASTM D5185m		0	0	1
	Molybdenum	ppm	ASTM D5185m		0	0	0
	Manganese	ppm	ASTM D5185m		1	0	0
	Magnesium	ppm	ASTM D5185m		0	0	0
	Calcium	ppm	ASTM D5185m		0	0	0
	Phosphorus	ppm	ASTM D5185m		0	<1	<1
	Zinc	ppm	ASTM D5185m		0	2	0
	Sulfur	ppm	ASTM D5185m		1102	13	64
	Acid Number (AN)	mg KOH/g	ASTM D974		0.032	0.015	0.015
	Visc @ 40°C	cSt	ASTM D445	73	65.1	67.9	67.5





Certificate L2367

Report Id: AMEROC [WUSCAR] 06177200 (Generated: 05/15/2024 08:54:17) Rev: 1

Laboratory Sample No. Lab Number

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : USP0011421 : 06177200 Unique Number : 11023253

Test Package : IND 2

Received : 13 May 2024 **Tested** : 14 May 2024 Diagnosed

: 14 May 2024 - Doug Bogart

915 S CARON RD ROCHELLE, IL US 61068 Contact: BRET JOHNSON

bret.johnson@americold.com T: (815)562-8420

**AMERICOLD LOGISTICS** 

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)

Contact/Location: BRET JOHNSON - AMEROC

F: (815)562-3393