

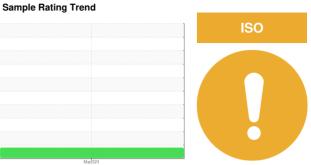
# **OIL ANALYSIS REPORT**



Machine Id C-1 (S/N 10242F32979069)

Refrigeration Compressor

FRICK COMPRESSOR OIL #3 (--- GAL)



### Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

## Contamination

There is a moderate amount of silt (particulates < 6 microns in size) present in the oil.

## **Fluid Condition**

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

SAMPLE INFORI Sample Number Sample Date Machine Age Oil Age Oil Changed Sample Status WEAR METALS Iron	hrs hrs	method Client Info Client Info Client Info Client Info Client Info	limit/base	Current USP0006360 25 Mar 2024 1327	history1	history2
Sample Date Machine Age Oil Age Oil Changed Sample Status WEAR METALS		Client Info Client Info Client Info		25 Mar 2024		
Machine Age Oil Age Oil Changed Sample Status WEAR METALS		Client Info				
Oil Age Oil Changed Sample Status WEAR METALS		Client Info		1327		
Oil Changed Sample Status WEAR METALS	hrs					
Sample Status WEAR METALS		Client Info		1327		
Sample Status WEAR METALS		J		N/A		
				ATTENTION		
Iron		method	limit/base	current	history1	history2
	ppm	ASTM D5185m	>8	0		
Chromium	ppm	ASTM D5185m	>2	<1		
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		<1		
Coppei Tin		ASTM D5185m	>4	<1		
Vanadium	ppm		>4	0		
	ppm	ASTM D5185m		_		
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		0		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		0		
Phosphorus	ppm	ASTM D5185m		0		
Zinc	ppm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m		0		
CONTAMINANTS	5	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	<1		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	1		
Water	%	ASTM D6304		0.001		
opm Water	ppm	ASTM D6304	>100	2		
FLUID CLEANLIN	NESS _	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	<b>15460</b>		
Particles >6µm		ASTM D7647	>2500	1401		
Particles >14μm		ASTM D7647	>320	29		
		ASTM D7647	>80	4		
Particles >21µm		ASTM D7647	>20	0		
•		AUTIVIDIOTI	-			
Particles >38µm		ASTM D7647		0		
Particles >21µm Particles >38µm Particles >71µm Oil Cleanliness				0 21/18/12		
Particles >38µm Particles >71µm	ATION	ASTM D7647	>4			



# **OIL ANALYSIS REPORT**





Certificate 12367

Sample No.

Lab Number : 06155212 Unique Number : 10990635

: USP0006360 Test Package : IND 2

Received **Tested** Diagnosed

: 19 Apr 2024 : 23 Apr 2024 : 23 Apr 2024 - Doug Bogart

600 MANCHESTER INDUSTRIAL PKWY MANCHESTER, TN US 37355

Contact: Service Manager

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)

Report Id: DOTMANUSP [WUSCAR] 06155212 (Generated: 04/23/2024 16:12:28) Rev: 1

Contact/Location: Service Manager - DOTMANUSP

T:

F: