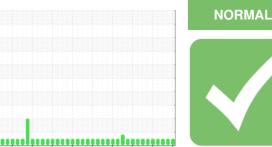


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

FRICK B22 1061 (S/N TDSL283L0031HH)

Refrigeration Compressor

USPI 1009-68 SC (--- GAL)

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

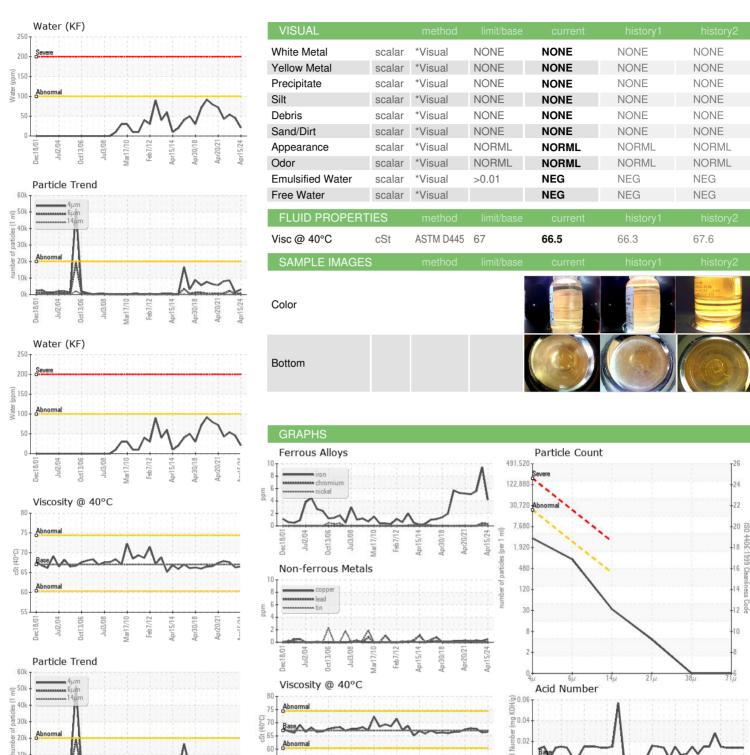
Fluid Condition

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

		s2001 Jul2004	Oct2006 Jul2008 Mar20	010 Feb2012 Apr2014 Apr2018 A	pr2021 Apr20	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		USP0006367	USP0003397	USP248348
Sample Date		Client Info		15 Apr 2024	02 Nov 2023	02 May 2023
Machine Age	hrs	Client Info		69249	68573	66759
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>8	4	9	6
Chromium	ppm	ASTM D5185m	>2	<1	<1	0
Nickel	ppm	ASTM D5185m		<1	0	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>3	2	0	0
Lead	ppm	ASTM D5185m	>2	0	0	0
Copper	ppm	ASTM D5185m		<1	<1	<1
Tin	ppm	ASTM D5185m	>4	<1	0	0
Vanadium	ppm	ASTM D5185m		<1	<1	0
Cadmium	ppm	ASTM D5185m		<1	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		<1	0	0
Molybdenum	ppm	ASTM D5185m		<1	0	0
Manganese	ppm	ASTM D5185m		0	0	<1
Magnesium	ppm	ASTM D5185m		<1	0	0
Calcium	ppm	ASTM D5185m		1	1	0
Phosphorus	ppm	ASTM D5185m		0	0	0
Zinc	ppm	ASTM D5185m		0	0	0
Sulfur	ppm	ASTM D5185m	50	0	0	38
CONTAMINANTS	• •	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	<1	0	0
Sodium	ppm	ASTM D5185m	710	0	0	<1
Potassium	ppm	ASTM D5185m	>20	1	0	0
Water	%	ASTM D6304	>0.01	0.002	0.004	0.005
ppm Water	ppm	ASTM D6304	>100	21	45.6	53.9
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>20000	3105	1448	8483
Particles >6µm		ASTM D7647		776	327	2187
Particles >14µm		ASTM D7647	>320	29	12	98
Particles >21µm		ASTM D7647		4	2	14
Particles >38µm		ASTM D7647	>20	0	0	0
Particles >71µm		ASTM D7647		0	0	0
Oil Cleanliness		ISO 4406 (c)	>21/18/15	19/17/12	18/16/11	20/18/14
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974	0.005	0.014	0.014	0.014



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No. Lab Number

: 06156045 Unique Number : 10991468

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : USP0006367 Received

Tested Diagnosed : 22 Apr 2024

: 23 Apr 2024

: 24 Apr 2024 - Jonathan Hester

Test Package : IND 2 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.

BRENHAM, TX US 77834

1101 S HORTON, P.O. BOX 1807

Contact: DAVID WEYNAND david.weynand@bluebell.com T:

BLUE BELL-BRENHAM

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (979)830-2199