

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

CREPACE COMPRESSOR 2

Refrigeration Compressor

FRICK COMPRESSOR OIL #9 (9 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.

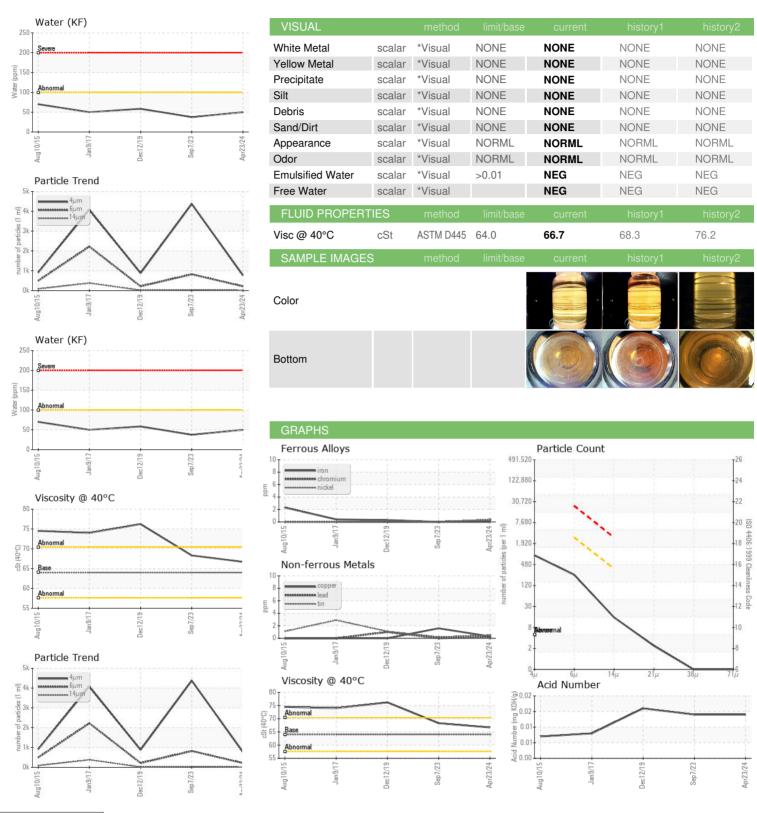
Fluid Condition

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

		Aug2015	Jan2017	Dec2019 Sep2023	Apr2024	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		USP202122	USP249728	USP203387
Sample Date		Client Info		23 Apr 2024	07 Sep 2023	12 Dec 2019
Machine Age	hrs	Client Info		39511	73581	31239
Oil Age	hrs	Client Info		2500	2783	2216
Oil Changed		Client Info		Not Changd	N/A	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>8	0	0	<1
Chromium	ppm	ASTM D5185m	>2	<1	0	0
Nickel	ppm	ASTM D5185m		<1	0	<1
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>3	2	2	0
Lead	ppm	ASTM D5185m	>2	<1	0	1
Copper	ppm	ASTM D5185m	>8	<1	2	0
Tin	ppm	ASTM D5185m	>4	<1	<1	1
Antimony	ppm	ASTM D5185m				0
Vanadium	ppm	ASTM D5185m		<1	0	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		0	0	0
Molybdenum	ppm	ASTM D5185m		<1	0	1
Manganese	ppm	ASTM D5185m		0	<1	<1
Magnesium	ppm	ASTM D5185m		<1	0	0
Calcium	ppm	ASTM D5185m		0	0	0
Phosphorus	ppm	ASTM D5185m		0	0	<1
Zinc	ppm	ASTM D5185m		0	0	0
Sulfur	ppm	ASTM D5185m		0	45	0
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	0	<1	1
Sodium	ppm	ASTM D5185m		<1	1	0
Potassium	ppm	ASTM D5185m	>20	0	0	<1
Water	%	ASTM D6304	>0.01	0.004	0.003	0.005
ppm Water	ppm	ASTM D6304	>100	50	37.5	58.5
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		773	4369	876
Particles >6µm		ASTM D7647	>2500	214	821	215
Particles >14µm		ASTM D7647	>320	13	33	17
Particles >21µm		ASTM D7647	>80	2	10	8
Particles >38μm		ASTM D7647	>20	0	0	0
Particles >71µm		ASTM D7647	>4	0	0	0
Oil Cleanliness		ISO 4406 (c)	>/18/15	17/15/11	19/17/12	17/15/11
FLUID DEGRADA	TION	method	limit/base	current	history1	history2



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Laboratory Sample No. Lab Number : 06159202

: USP202122 Unique Number : 10994625 Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 24 Apr 2024 Tested : 25 Apr 2024

Diagnosed : 26 Apr 2024 - Jonathan Hester

Certificate 12367 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)

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