

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

COMPRESSOR 2

Refrigeration Compressor

REFRIG COMP OIL ISO 68 (--- 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.

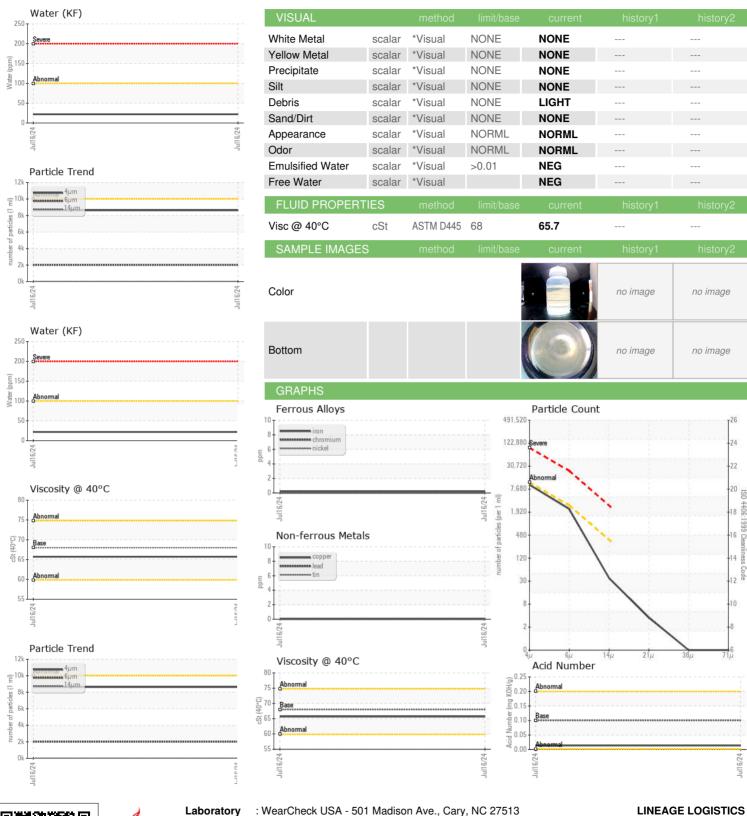
Fluid Condition

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

				Jul2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		USP0012386		
Sample Date		Client Info		16 Jul 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>8	<1		
Chromium	ppm	ASTM D5185m	>2	0		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>3	0		
Lead	ppm	ASTM D5185m	>2	0		
Copper	ppm	ASTM D5185m	>8	0		
Tin	ppm	ASTM D5185m	>4	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES	' '	method	limit/base	current	history1	history2
Boron	nnm	ASTM D5185m	5	0		
Barium	ppm	ASTM D5185m	5	0		
	ppm	ASTM D5185m		0		
Monganasa	ppm	ASTM D5185m	5	0		
Manganese Magnesium	ppm	ASTM D5185m	5	0		
Calcium	ppm		12	0		
	ppm	ASTM D5185m ASTM D5185m	12	0		
Phosphorus	ppm		12	0		
Zinc	ppm	ASTM D5185m	. —	-		
Sulfur	ppm	ASTM D5185m	1000	24		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	0		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	0		
Water	%	ASTM D6304	>0.01	0.002		
ppm Water	ppm	ASTM D6304	>100	22		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	8626		
Particles >6µm		ASTM D7647	>2500	2011		
Particles >14μm		ASTM D7647	>320	32		
Particles >21μm		ASTM D7647	>80	3		
Particles >38μm		ASTM D7647	>20	0		
Particles >71μm		ASTM D7647	>4	0		
Oil Cleanliness		ISO 4406 (c)	>20/18/15	20/18/12		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974	0.10	0.014		



OIL ANALYSIS REPORT





Certificate 12367

Laboratory Sample No.

: USP0012386 Lab Number : 06239187 Unique Number : 11128021

Test Package : IND 2

Received : 17 Jul 2024 **Tested** : 18 Jul 2024

Diagnosed : 18 Jul 2024 - Doug Bogart

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)

HIALEAH GARDENS, FL US 33018 Contact: Service Manager

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