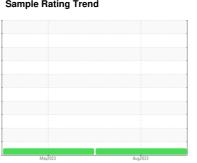


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



^{Machine Id} C-12 (S/N 10242L14266774)

Refrigeration Compressor

FRICK COMPRESSOR OIL #9 (--- GAL)

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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.

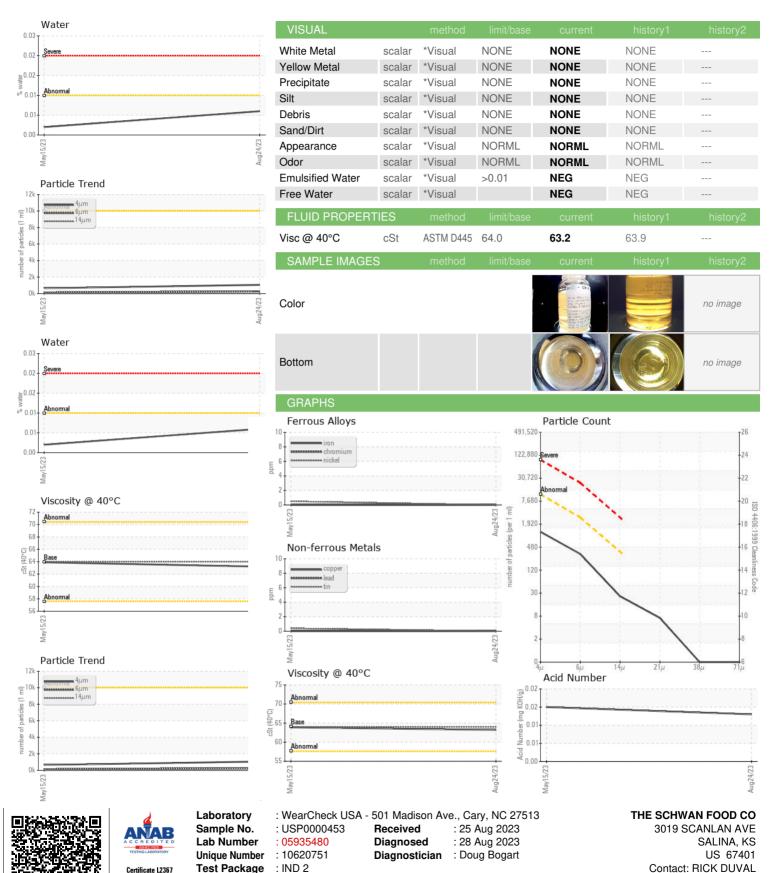
Fluid Condition

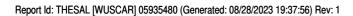
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORMATION method militose current history1 history2				May2023	Aug ² 023		
Sample Number Client Info USP000453 USP248494	SAMPLE INFORM	MATION	method			history1	history2
Sample Date Client Info 24 Aug 2023 15 May 2023		,,,,,,,,,,,		mmesacc		•	
Machine Age hrs Client Info 0 0 Oil Age hrs Client Info 0 0 Oil Changed Client Info N/A N/A N/A Sample Status NORMAL NORMAL WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >8 0 0 Chromium ppm ASTM D5185m >2 0 0 Nickel ppm ASTM D5185m 0 0 Titanium ppm ASTM D5185m 2 0 0 Lead ppm ASTM D5185m 2 0 0 Copper ppm ASTM D5185m 2 0 0 Vanadium ppm ASTM D5185m 2 0 0 Cadmium ppm ASTM D5185m <th< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>							
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Iron							
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Titanium ppm ASTM D5185m 0 0				>2	-		
Stilver					_		
Aluminum					-		
Lead ppm ASTM D5185m >2 0 0 Copper ppm ASTM D5185m >8 0 0 Tin ppm ASTM D5185m >4 0 <1 Vanadium ppm ASTM D5185m 0 0 Cadmium ppm ASTM D5185m 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 0 Barium ppm ASTM D5185m 0 0 Manganese ppm ASTM D5185m 0 <1 Magnesium ppm ASTM D5185m 0 0 Calcium ppm ASTM D5185m 0 0 Phosphorus ppm ASTM D5185m 0 0 Zinc ppm ASTM D5185m 0 0							
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Tin ppm ASTM D5185m >4 0 <1							
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Boron ppm ASTM D5185m Q	Cadmium	ppm	ASTM D5185m		0	0	
Barium	ADDITIVES		method	limit/base	current	history1	history2
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Sodium ppm ASTM D5185m <1	Silicon	ppm	ASTM D5185m	>15	<1	<1	
Potassium ppm ASTM D5185m >20 0 2 Water % ASTM D6304 >0.01 0.006 0.002 ppm Water ppm ASTM D6304 >100 64.8 19.4 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4μm ASTM D7647 >10000 1057 648 Particles >6μm ASTM D7647 >2500 279 133 Particles >14μm ASTM D7647 >320 22 10 Particles >21μm ASTM D7647 >80 6 3 Particles >38μm ASTM D7647 >20 0 0 Particles >71μm ASTM D7647 >4 0 0 Oil Cleanliness ISO 4406 (c) >20/18/15 17/15/12 17/14/10 FLUID DEGRADATION method limit/base current history1	Sodium		ASTM D5185m		<1	<1	
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Particles >4μm ASTM D7647 >10000 1057 648 Particles >6μm ASTM D7647 >2500 279 133 Particles >14μm ASTM D7647 >320 22 10 Particles >21μm ASTM D7647 >80 6 3 Particles >38μm ASTM D7647 >20 0 0 Particles >71μm ASTM D7647 >4 0 0 Oil Cleanliness ISO 4406 (c) >20/18/15 17/15/12 17/14/10 FLUID DEGRADATION method limit/base current history1 history2	ppm Water				64.8		
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$	·		ASTM D7647	>2500	279	133	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Particles >14µm		ASTM D7647	>320			
Particles >38μm ASTM D7647 >20 0 0 Particles >71μm ASTM D7647 >4 0 0 Oil Cleanliness ISO 4406 (c) >20/18/15 17/15/12 17/14/10 FLUID DEGRADATION method limit/base current history1 history2	•						
Particles >71μm ASTM D7647 >4 0 0 Oil Cleanliness ISO 4406 (c) >20/18/15 17/15/12 17/14/10 FLUID DEGRADATION method limit/base current history1 history2	·						
Oil Cleanliness ISO 4406 (c) >20/18/15 17/15/12 17/14/10 FLUID DEGRADATION method limit/base current history1 history2							
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·	FLUID DEGRADA	TION _	method_	limit/base	current	history1	history2



OIL ANALYSIS REPORT





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)

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