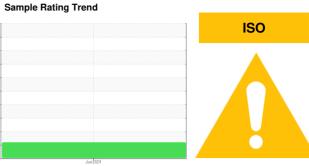


OIL ANALYSIS REPORT



Machine Id

C4

Screw Compressor

REFRIG COMP OIL ISO 68 (--- GAL)

DIAGNOSIS

Recommendation

We recommend you service the filters on this component. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) REFRIG COMP OIL ISO 68. Please confirm.

Wear

All component wear rates are normal.

Contamination

There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The water content is negligible.

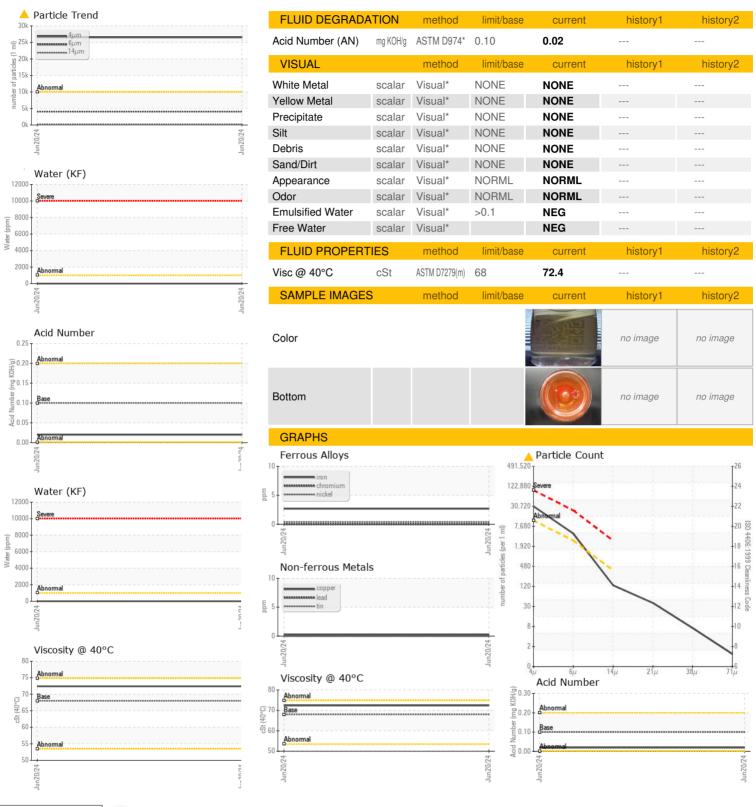
Fluid Condition

The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

				Jun 2024		
0.11151.5.115051						
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0900476		
Sample Date		Client Info		20 Jun 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ABNORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>60	3		
Chromium	ppm	ASTM D5185(m)	>4	0		
Nickel	ppm	ASTM D5185(m)		<1		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)		0		
Aluminum	ppm	ASTM D5185(m)	>5	<1		
Lead	ppm	ASTM D5185(m)	>10	0		
Copper	ppm	ASTM D5185(m)	>30	<1		
Tin	ppm	ASTM D5185(m)	>15	0		
Antimony	ppm	ASTM D5185(m)		0		
Vanadium	ppm	ASTM D5185(m)		0		
Beryllium	ppm	ASTM D5185(m)		0		
Cadmium	ppm	ASTM D5185(m)		0		
ADDITIVES	• •	method	limit/base	OLUMNO 10t	hiotomul	biotom/0
ADDITIVES		method	IIIIIIVDase	current	history1	history2
Boron	ppm	ASTM D5185(m)	5	0		
Barium	ppm	ASTM D5185(m)	5	0		
Molybdenum	ppm	ASTM D5185(m)	5	0		
Manganese	ppm	ASTM D5185(m)		0		
Magnesium	ppm	ASTM D5185(m)	5	<1		
Calcium	ppm	ASTM D5185(m)	12	2		
Phosphorus	ppm	ASTM D5185(m)	12	<1		
Zinc	ppm	ASTM D5185(m)	12	<1		
Sulfur	ppm	ASTM D5185(m)	1000	163		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS	}	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>50	0		
Sodium	ppm	ASTM D5185(m)		0		
Potassium	ppm	ASTM D5185(m)	>20	<1		
Water	%	ASTM D6304*	>0.1	0.00		
ppm Water	ppm	ASTM D6304*	>1000	0		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	26527		
Particles >6µm		ASTM D7647	>2500	4058		
Particles >14µm		ASTM D7647	>320	115		
Particles >21µm		ASTM D7647	>80	34		
Particles >38µm		ASTM D7647	>20	6		
Particles >71µm		ASTM D7647	>4	1		
Oil Cleanliness		ISO 4406 (c)	>20/18/15	<u>^</u> 22/19/14		



OIL ANALYSIS REPORT





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No.

Lab Number

: WC0900476 : 02644873 Unique Number : 5802412

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Received : 02 Jul 2024 **Tested** : 03 Jul 2024 Diagnosed : 03 Jul 2024 - Kevin Marson

Test Package : IND 2 (Additional Tests: KF, PrtCount, TAN Man)

To discuss this sample report, contact Customer Service at 1-800-268-2131. Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

APPLEBY RELIABILITY INC

UNIT 1 - 8250 209B STREET LANGLEY, BC CA V2Y 0J7

Contact: Doug Brougham doug@applebyreliability.com T: (778)846-1955