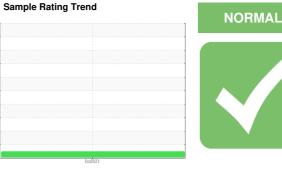


OIL ANALYSIS REPORT

NOT GIVEN [GCN0242023CB] Machine Id KAESER 7186502 (S/N 1045)

Component

Compressor



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil

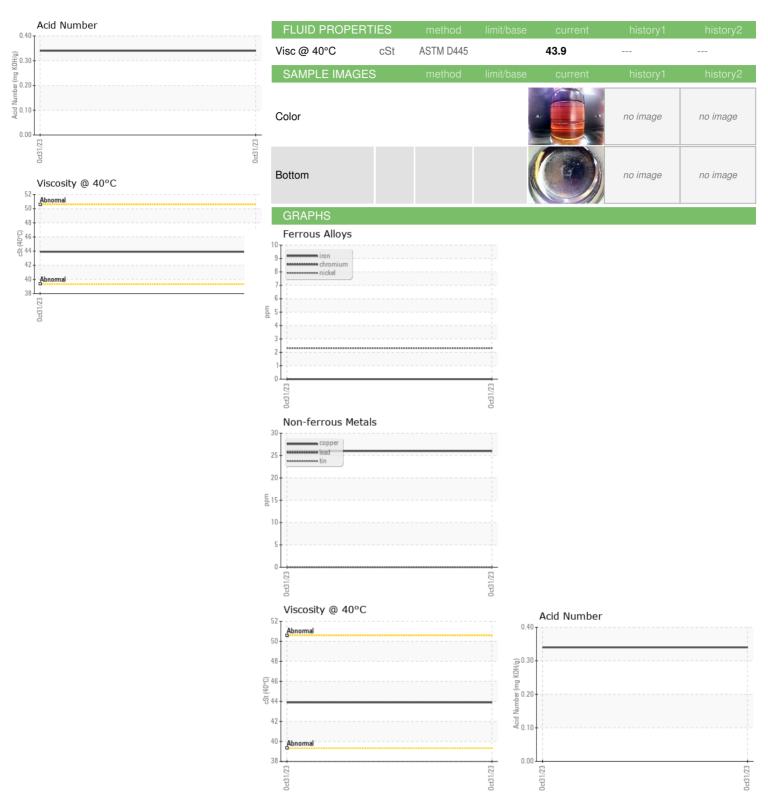
Fluid Condition

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

SAMPLE INFORMATION method limit base current history1 history2					Dct2023		
Sample Number Client Info UCH05995780	SAMPLE INFORM	MATION	mothod			history1	history?
Sample Date		VIATION		IIIIII/Dase			
Machine Age							
Oil Age	•						
Oil Changed Sample Status Client Info Changed NORMAL			0.10110		•		
NORMAL		hrs					
WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >50 0 Chromium ppm ASTM D5185m >10 0 Nickel ppm ASTM D5185m >3 2 Titanium ppm ASTM D5185m >2 0 Aluminum ppm ASTM D5185m >10 0 Lead ppm ASTM D5185m >10 0 Copper ppm ASTM D5185m >50 26 Tin ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m 0 ASTM D5185m 0 Boron ppm ASTM D5185m 0 Barium <th></th> <th></th> <th>Client Info</th> <th></th> <th></th> <th></th> <th></th>			Client Info				
Iron	Sample Status				NORMAL		
Chromium	WEAR METALS		method	limit/base	current	history1	history2
Nickel	Iron	ppm	ASTM D5185m	>50	0		
Titanium	Chromium	ppm	ASTM D5185m	>10	0		
Silver	Nickel	ppm	ASTM D5185m	>3	2		
Aluminum	Titanium	ppm	ASTM D5185m	>3	0		
Lead	Silver	ppm	ASTM D5185m	>2	0		
Copper ppm ASTM D5185m >50 26 Tin ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m 0 Cadmium ppm ASTM D5185m 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 Barium ppm ASTM D5185m 0 Molybdenum ppm ASTM D5185m 0 Manganese ppm ASTM D5185m 0 Manganesium ppm ASTM D5185m 0 Phosphorus ppm ASTM D5185m 0 Phosphorus ppm ASTM D5185m 0 Sulfur ppm ASTM D5185m 0 <td< th=""><th>Aluminum</th><th>ppm</th><th>ASTM D5185m</th><th>>10</th><th>0</th><th></th><th></th></td<>	Aluminum	ppm	ASTM D5185m	>10	0		
Tin ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m 0 Cadmium ppm ASTM D5185m 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 Barium ppm ASTM D5185m 0 Molybdenum ppm ASTM D5185m 0 Manganese ppm ASTM D5185m 0 Magnesium ppm ASTM D5185m 0 Qalcium ppm ASTM D5185m 0 Phosphorus ppm ASTM D5185m 0 Sulfur ppm ASTM D5185m 24 Sulfur ppm ASTM D5185m 225 <1	Lead	ppm	ASTM D5185m	>10	0		
Vanadium ppm ASTM D5185m 0 Cadmium ppm ASTM D5185m 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 Barium ppm ASTM D5185m 0 Molybdenum ppm ASTM D5185m 0 Magnese ppm ASTM D5185m 0 Magnesium ppm ASTM D5185m 0 Calcium ppm ASTM D5185m 0 Phosphorus ppm ASTM D5185m 24 Sulfur ppm ASTM D5185m 24 Sulfur ppm ASTM D5185m 2.5 <1	Copper	ppm	ASTM D5185m	>50	26		
Cadmium ppm ASTM D5185m 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 Barium ppm ASTM D5185m 0 Molybdenum ppm ASTM D5185m 0 Manganese ppm ASTM D5185m 0 Magnesium ppm ASTM D5185m 0 Calcium ppm ASTM D5185m 0 Phosphorus ppm ASTM D5185m 0 Zinc ppm ASTM D5185m 24 Sulfur ppm ASTM D5185m 25 <1 Sodium ppm ASTM D5185m 2 -1 Sodium ppm ASTM D5185m 2 <1 <th>Tin</th> <th>ppm</th> <th>ASTM D5185m</th> <th>>10</th> <th>0</th> <th></th> <th></th>	Tin	ppm	ASTM D5185m	>10	0		
ADDITIVES	Vanadium	ppm	ASTM D5185m		0		
Boron	Cadmium	ppm	ASTM D5185m		0		
Boron	ADDITIVES		method	limit/hace	current	history1	history2
Barium				IIIIIII/Dase		· ·	,
Molybdenum ppm ASTM D5185m 0 Manganese ppm ASTM D5185m <1							
Manganese ppm ASTM D5185m <1					-		
Magnesium ppm ASTM D5185m 0 Calcium ppm ASTM D5185m 0 Phosphorus ppm ASTM D5185m 0 Zinc ppm ASTM D5185m 24 Sulfur ppm ASTM D5185m 16453 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m 25 <1 Sodium ppm ASTM D5185m 20 <1 Potassium ppm ASTM D5185m >20 <1 FLUID DEGRADATION method limit/base current history1 history2 Acid Number (AN) mg KOHg ASTM D8045 0.34 VISUAL method limit/base current history1 history2 White Met	-				-		
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Silicon ppm ASTM D5185m >25 <1			ASTM D5185m		16453		
Sodium	CONTAMINANTS	5	method	limit/base	current	history1	history2
Potassium ppm ASTM D5185m >20 <1	Silicon	ppm	ASTM D5185m	>25	<1		
FLUID DEGRADATION method limit/base current history1 history2 Acid Number (AN) mg KOH/g ASTM D8045 0.34 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE Yellow Metal scalar *Visual NONE NONE Precipitate scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NORM NORML Appearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual	Sodium	ppm	ASTM D5185m		2		
Acid Number (AN) mg KOH/g ASTM D8045 0.34 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE NONE Precipitate scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NORML NORML Appearance scalar *Visual NORML NORML Codor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.05 NEG	Potassium	ppm	ASTM D5185m	>20	<1		
VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE NONE Precipitate scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Appearance scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.05 NEG	FLUID DEGRAD	ATION	method	limit/base	current	history1	history2
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White Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE NONE Precipitate scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NORM NORML Appearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.05 NEG	VISUAL		method_	limit/base	current_	history1	history2
Yellow Metal scalar *Visual NONE NONE Precipitate scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.05 NEG		scalar					
Precipitate scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.05 NEG							
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Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.05 NEG	·						
Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.05 NEG							
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Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.05 NEG							
Emulsified Water scalar *Visual >0.05 NEG					_		



OIL ANALYSIS REPORT







Laboratory Sample No. Lab Number

: 05995780 Unique Number : 10724140 Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : UCH05995780 Received : 01 Nov 2023 : 02 Nov 2023 Diagnosed

Diagnostician : Don Baldridge

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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