

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

8114203 (S/N 1795) Compressor

Fluid KAESER SIGMA (OEM) M-460 (--- GAL)

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. The amount and size of particulates present in the system are acceptable.

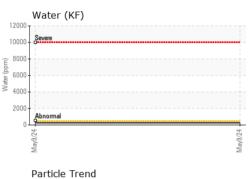
Fluid Condition

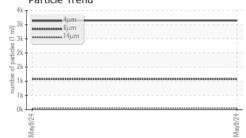
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

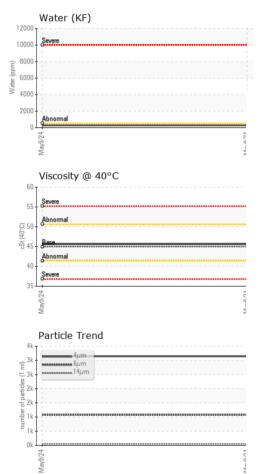
Sample Number Client Info KCPA012611 Sample Date Client Info 09 May 2024 Machine Age hrs Client Info 589 Oil Age hrs Client Info Not Changed Oil Changed Client Info Not Changed Sample Status Imethod Imit/base current history2 Iron ppm ASTM 05185 >50 1 Nickel ppm ASTM 05185 >3 <1 Silver ppm ASTM 05185 >3 <1 Copper ppm ASTM 05185 >10 2 Cadmium ppm ASTM 05185 >10 <1 Copper ppm ASTM 05185 >10 Cadmium ppm ASTM 0	SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 589 Oil Age hrs Client Info 0 Sample Status Imitobase current history1 history2 Iron ppm ASTM D5185m >50 1 Nickel ppm ASTM D5185m >3 <1	Sample Number		Client Info		KCPA012611		
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Oil Changed Sample Status Client Info Not Changed NORMAL	Machine Age	hrs	Client Info		589		
Sample Status method imit/base current history1 history2 Iron ppm ASTM D5185m >50 1 Nickel ppm ASTM D5185m >3 <1	Oil Age	hrs	Client Info		0		
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Iron ppm ASTM D5185m >50 1 Chromium ppm ASTM D5185m >10 <1	Sample Status				NORMAL		
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Vanadium ppm ASTM D5185m <1 Cadmium ppm ASTM D5185m <1							
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Molybdenum ppm ASTM D5185m 0 <1 Manganese ppm ASTM D5185m 100 75 Magnesium ppm ASTM D5185m 0 2 Calcium ppm ASTM D5185m 0 1 Calcium ppm ASTM D5185m 0 5 Zinc ppm ASTM D5185m 0 5 Sulfur ppm ASTM D5185m 23500 24187 Sodium ppm ASTM D5185m 23500 2 Sodium ppm ASTM D5185m >20 2 Potassium ppm ASTM D5185m >20 2 Water % ASTM D6304 >500 270 Particles >4µm ASTM D7647 1300 107	Boron	ppm	ASTM D5185m	0	-		
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Particles >38μm ASTM D7647 >4 2 Particles >71μm ASTM D7647 >3 1 Oil Cleanliness ISO 4406 (c) >/17/13 19/17/13 FLUID DEGRADATION method limit/base current history1 history2	Particles >21µm		ASTM D7647	>20	11		
Particles >71μm ASTM D7647 >3 1 Oil Cleanliness ISO 4406 (c) >/17/13 19/17/13 FLUID DEGRADATION method limit/base current history1 history2	•				2		
Oil Cleanliness ISO 4406 (c) >/17/13 19/17/13 FLUID DEGRADATION method limit/base current history1 history2			ASTM D7647	>3	1		
	FLUID DEGRADA		method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	0.35		

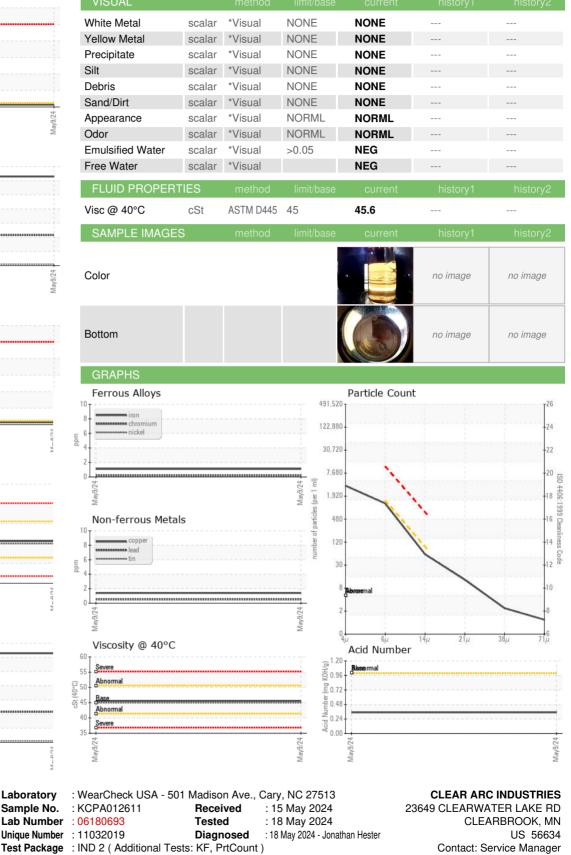


OIL ANALYSIS REPORT









- 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)

Certificate 12367

Laboratory

Sample No.

Contact/Location: Service Manager - CLECLEMN Page 2 of 2

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F: