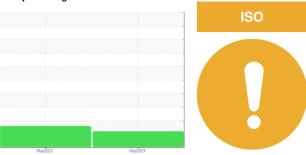


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

8279362 (S/N 1188)

Component Compressor

KAESER SIGMA (OEM) S-460 (--- GAL)

Recommendation

No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is a moderate amount of particulates present in the oil.

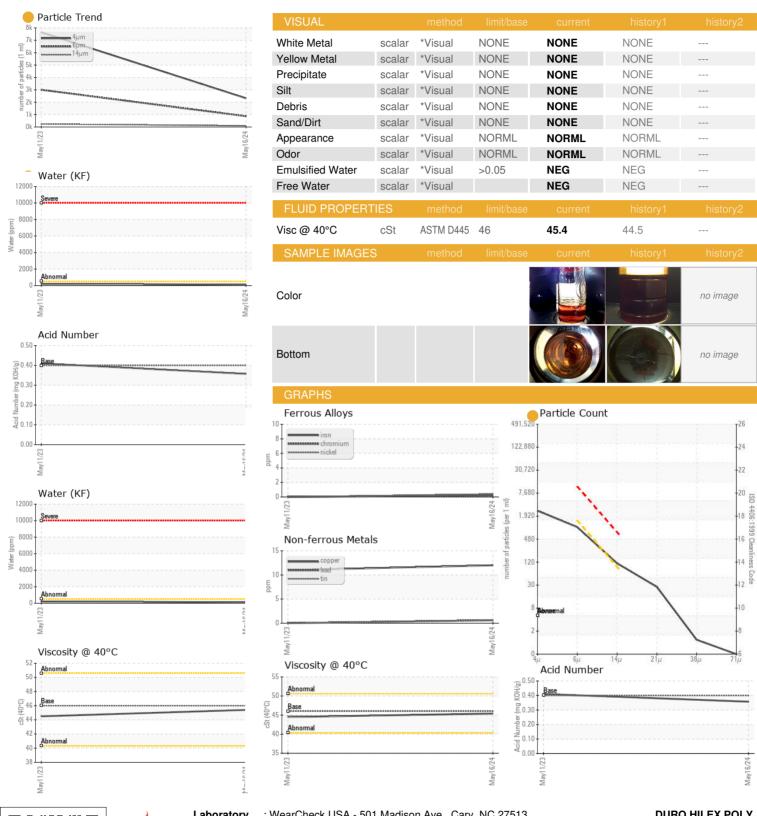
Fluid Condition

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 Sample Number Client Info KCPA016771 KCPA001592 Sample Date Client Info 16 May 2024 11 May 2023 Machine Age hrs Client Info 4939 0 Oil Age hrs Client Info A939 0 Oil Changed Client Info ATTENTION ABNORMAL WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >50 <1 0 Chromium ppm ASTM D5185m >3 <1 0 Nickel ppm ASTM D5185m >3 <1 0 Nickel ppm ASTM D5185m >3 <1 0 Sliver ppm ASTM D5185m >3 <1 0 Lead ppm ASTM D5185m >10 1 <1 Lead ppm ASTM D5185m >10 1 <1 Lead ppm ASTM D5185m >50 12 11 Tin ppm ASTM D5185m >10 <1 0 Vanadium ppm ASTM D5185m >10 <1 0 Vanadium ppm ASTM D5185m <1 0 Cadmium ppm ASTM D5185m <1 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m <1 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 0 Manganese ppm ASTM D5185m <1 0 Manganese ppm ASTM D5185m <2 0 0 Manganese ppm AS				May2023	May2024		
Sample Date Name	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Date Client Info 6 May 2024 11 May 2023 Machine Age hrs Client Info 4939 0	Sample Number		Client Info		KCPA016771	KCPA001592	
Machine Age hrs Client Info 8588 3649 Oil Age hrs Client Info 4939 0 Oil Changed Client Info Not Changed N/A Sample Status Image: Client Info Not Changed N/A WEAR METALS method Imit/base current history1 history2 Iron ppm ASTM D5185m >50 <1 0 Chromium ppm ASTM D5185m >3 <1 0 Nickel ppm ASTM D5185m >3 <1 <1 Silver ppm ASTM D5185m >3 <1 <1 Aluminum ppm ASTM D5185m >10 1 <1 Aluminum ppm ASTM D5185m >10 <1 0 Copper ppm ASTM D5185m >10 <1 0 T			Client Info		16 May 2024	11 May 2023	
Oil Age hrs Client Info 4939 0		hrs	Client Info		-		
Oil Changed Sample Status Client Info Not Changd ATTENTION N/A		hrs	Client Info		4939	0	
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Chromium ppm ASTM D5185m >10 <1	WEAR METALS		method	limit/base	current	history1	history2
Nickel	Iron	ppm	ASTM D5185m	>50	<1	0	
Titanium ppm ASTM D5185m >3 <1 <1 Silver ppm ASTM D5185m >2 1 0 Aluminum ppm ASTM D5185m >10 1 <1	Chromium	ppm	ASTM D5185m	>10	<1	0	
Silver ppm ASTM D5185m >2 1 0	Nickel	ppm	ASTM D5185m	>3	<1	0	
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Particles >71µm							
Oil Cleanliness ISO 4406 (c) >/17/13							
FLUID DEGRADATION method limit/base current history1 history2	FLUID DEGRADA	TION		limit/bas <u>e</u>	current	history1	history2
Acid Number (AN) mg KOH/g ASTM D8045 0.4 0.357 0.41							



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

: KCPA016771 Lab Number : 06194623

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 29 May 2024 **Tested** : 31 May 2024 Diagnosed : 31 May 2024 - Don Baldridge

Unique Number : 11056746 Test Package : IND 2 (Additional Tests: KF, PrtCount) 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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