



FUEL REPORT

Sample Rating Trend



WATER



Machine Id
KAESER AIRTOWER 5C 6990440 (S/N 1110)

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

DIAGNOSIS

▲ Recommendation

We were unable to perform a particle count due to a high concentration of particles present in this sample. We recommend an early resample in 500 hours to monitor this condition.

Wear

All component wear rates are normal.

▲ Contamination

There is a moderate amount of visible silt present in the sample. There is a light concentration of water present in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	KCPA015668	---	---
Sample Date	Client Info	11 Mar 2024	---	---
Machine Age	hrs	0	---	---
Oil Age	hrs	0	---	---
Oil Changed	Client Info	Changed	---	---
Sample Status		ABNORMAL	---	---

PHYSICAL PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt	44.3	---	---

SULFUR CONTENT

method	limit/base	current	history1	history2
Sulfur	ppm	12947	---	---



CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm	0	---	---
Sodium	ppm	<1	---	---
Potassium	ppm	0	---	---
Water	%	▲ 0.149	---	---
ppm Water	ppm	▲ 1495	---	---

HEAVY METALS

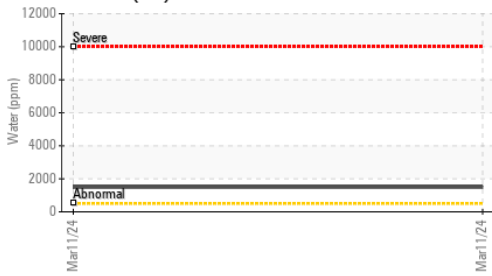
method	limit/base	current	history1	history2
Aluminum	ppm	0	---	---
Nickel	ppm	0	---	---
Lead	ppm	0	---	---
Vanadium	ppm	0	---	---
Iron	ppm	45	---	---
Calcium	ppm	0	---	---
Magnesium	ppm	<1	---	---
Phosphorus	ppm	19	---	---
Zinc	ppm	1	---	---

SAMPLE IMAGES

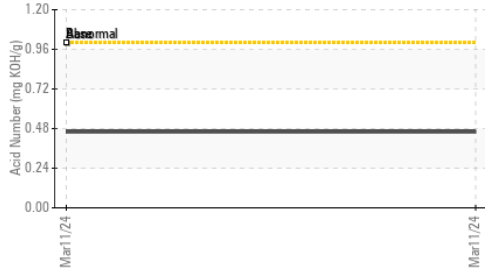
method	limit/base	current	history1	history2
Color			no image	no image
Bottom			no image	no image

FUEL REPORT

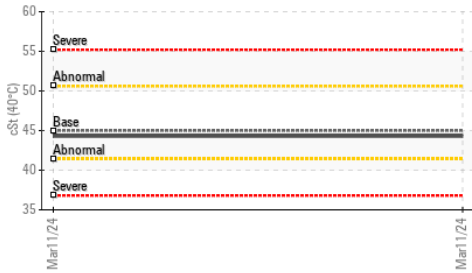
▲ Water (KF)



Acid Number

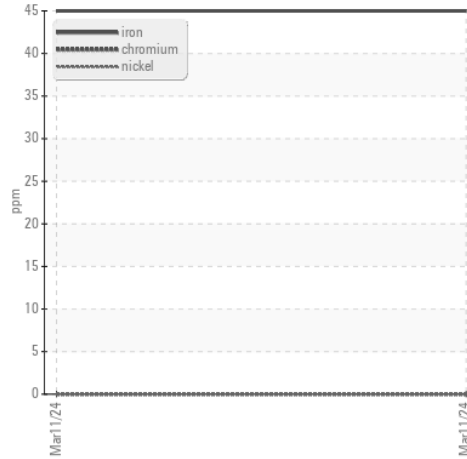


Viscosity @ 40°C

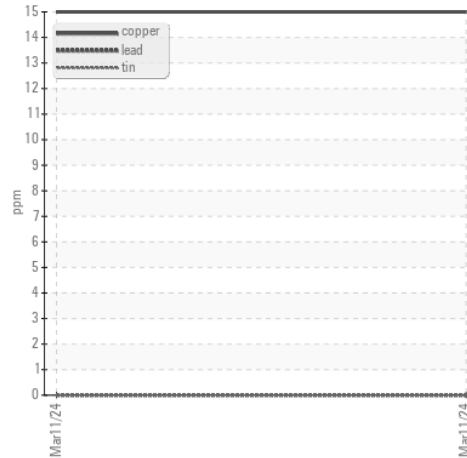


GRAPHS

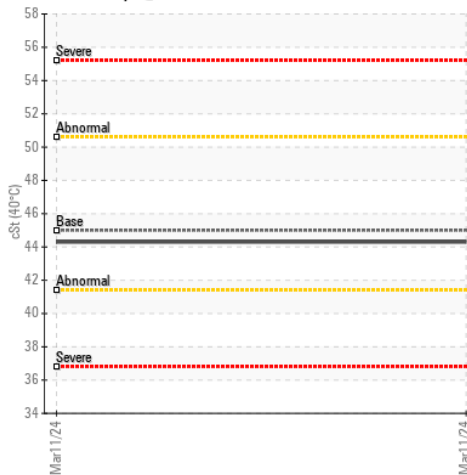
Ferrous Alloys



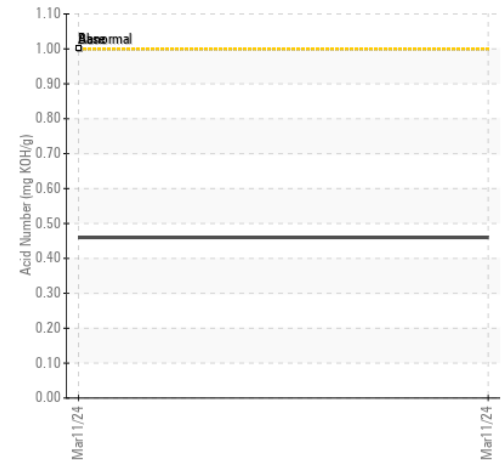
Non-ferrous Metals



Viscosity @ 40°C



Acid Number



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : KCPA015668 **Received** : 20 Mar 2024
Lab Number : 06124321 **Tested** : 23 Mar 2024
Unique Number : 10938472 **Diagnosed** : 23 Mar 2024 - Don Baldrige
Test Package : IND 2 (Additional Tests: KF, PrtCount)

FIFTH GENERATION INC
 12101 MOORE RD
 AUSTIN, TX
 US 78719
 Contact: Service Manager

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)

T:
F: