



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area  
**S-460**  
 Machine Id  
**KAESER 8016717 - TEROG (S/N 1197)**  
 Component  
**Compressor**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCS06194180	UCS05821631	---
Sample Date		Client Info		21 May 2024	30 Mar 2023	---
Machine Age	hrs	Client Info		4738	2644	---
Oil Age	hrs	Client Info		3000	2644	---
Filter Age	hrs	Client Info		3000	2644	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				NORMAL	NORMAL	---

### WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>50	<1	<1	---
Chromium	ppm	ASTM D5185m	>10	<1	0	---
Nickel	ppm	ASTM D5185m	>3	<1	0	---
Titanium	ppm	ASTM D5185m	>3	<1	0	---
Silver	ppm	ASTM D5185m	>2	1	0	---
Aluminum	ppm	ASTM D5185m	>10	1	0	---
Lead	ppm	ASTM D5185m	>10	<1	0	---
Copper	ppm	ASTM D5185m	>50	7	9	---
Tin	ppm	ASTM D5185m	>10	<1	0	---
Vanadium	ppm	ASTM D5185m		<1	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

### CONTAMINATION

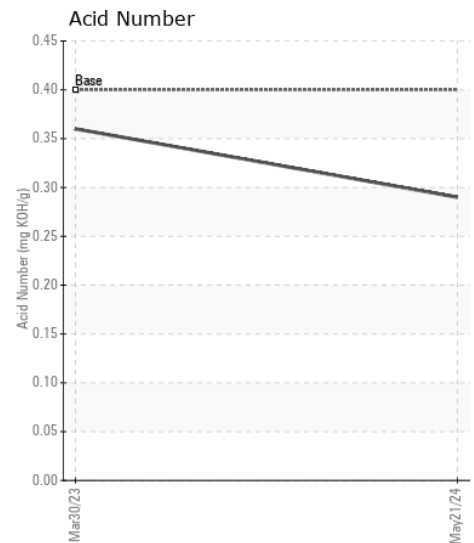
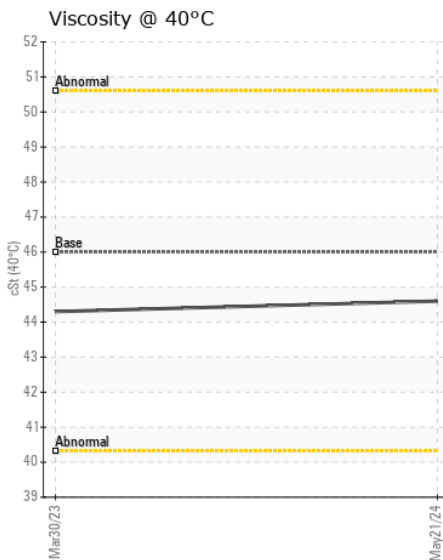
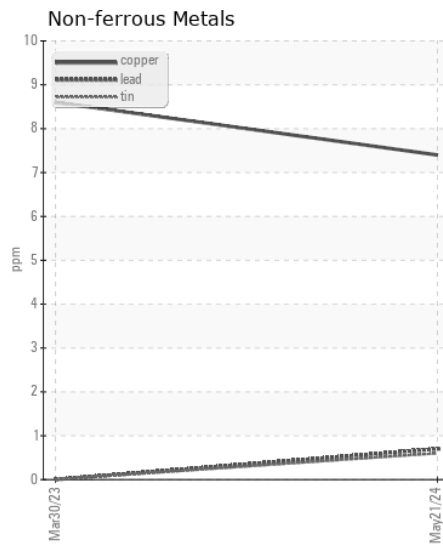
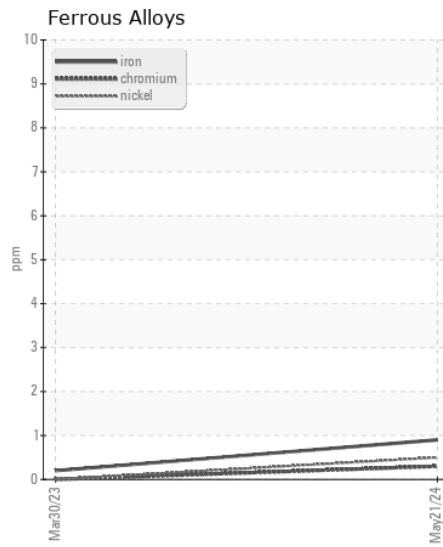
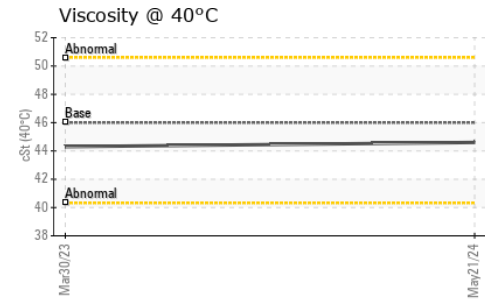
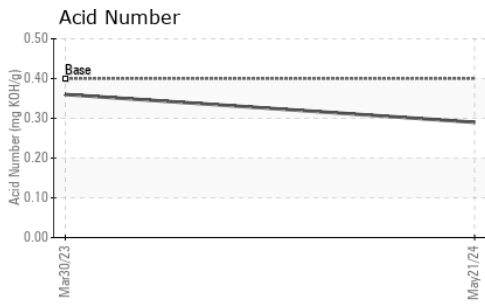
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	2	0	---
Potassium	ppm	ASTM D5185m	>20	1	0	---
Water		WC Method	>0.05	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.05	NEG	NEG	---

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		7	8	---
Boron	ppm	ASTM D5185m		0	0	---
Barium	ppm	ASTM D5185m	90	0	0	---
Molybdenum	ppm	ASTM D5185m		<1	0	---
Manganese	ppm	ASTM D5185m		<1	<1	---
Magnesium	ppm	ASTM D5185m	90	18	41	---
Calcium	ppm	ASTM D5185m	2	0	<1	---
Phosphorus	ppm	ASTM D5185m		3	3	---
Zinc	ppm	ASTM D5185m		18	42	---
Sulfur	ppm	ASTM D5185m		21473	20476	---
Acid Number (AN)	mg KOH/g	ASTM D8045	0.4	0.29	0.36	---
Visc @ 40°C	cSt	ASTM D445	46	44.6	44.3	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCS06194180  
**Lab Number** : 06194180  
**Unique Number** : 11056303  
**Test Package** : IND 2

**Received** : 29 May 2024  
**Tested** : 30 May 2024  
**Diagnosed** : 30 May 2024 - Wes Davis

**JEMCO-MAXAIR**

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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)