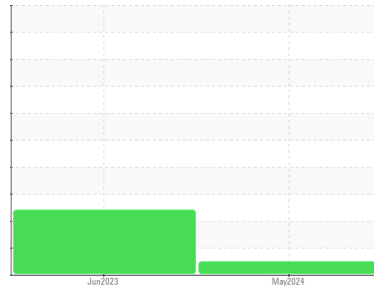




OIL ANALYSIS REPORT

Area
S-460
 Machine Id
KAESER 1007 - FACTORY MOTOR PARTS
 Component
Compressor

Sample Rating Trend



NORMAL



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
Sample Number	Client Info		UDI0000283	UCH05885702	---
Sample Date	Client Info		13 May 2024	13 Jun 2023	---
Machine Age	mths	Client Info	1971	1600	---
Oil Age	mths	Client Info	691	400	---
Oil Changed	Client Info		Changed	Changed	---
Sample Status			NORMAL	ABNORMAL	---

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.05	NEG	NEG	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	<1	2	---
Chromium	ppm	ASTM D5185m >10	<1	2	---
Nickel	ppm	ASTM D5185m >3	<1	2	---
Titanium	ppm	ASTM D5185m >3	<1	2	---
Silver	ppm	ASTM D5185m >2	1	1	---
Aluminum	ppm	ASTM D5185m >10	1	4	---
Lead	ppm	ASTM D5185m >10	<1	5	---
Copper	ppm	ASTM D5185m >50	2	3	---
Tin	ppm	ASTM D5185m >10	<1	2	---
Vanadium	ppm	ASTM D5185m	<1	1	---
Cadmium	ppm	ASTM D5185m	<1	2	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0	---
Barium	ppm	ASTM D5185m 90	0	12	---
Molybdenum	ppm	ASTM D5185m	<1	2	---
Manganese	ppm	ASTM D5185m	<1	2	---
Magnesium	ppm	ASTM D5185m 90	31	30	---
Calcium	ppm	ASTM D5185m 2	0	2	---
Phosphorus	ppm	ASTM D5185m	<1	6	---
Zinc	ppm	ASTM D5185m	19	14	---
Sulfur	ppm	ASTM D5185m	21375	19066	---

CONTAMINANTS

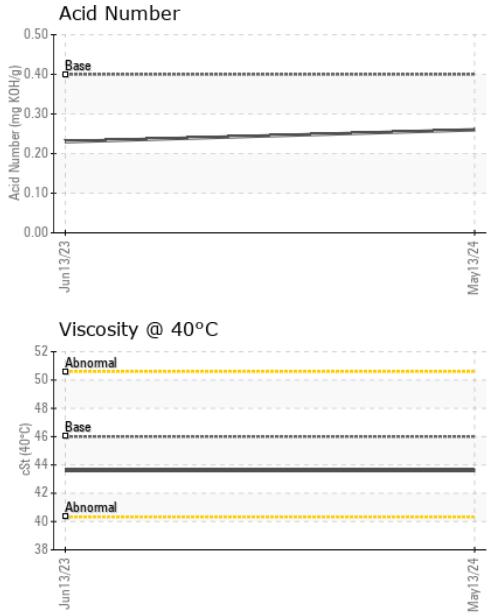
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	1	2	---
Sodium	ppm	ASTM D5185m	11	5	---
Potassium	ppm	ASTM D5185m >20	3	7	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.4	0.26	0.23	---



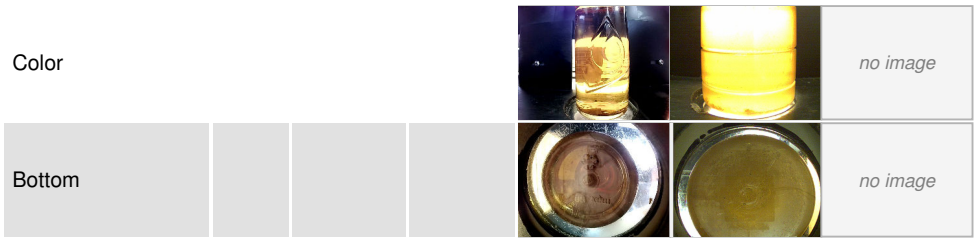
OIL ANALYSIS REPORT



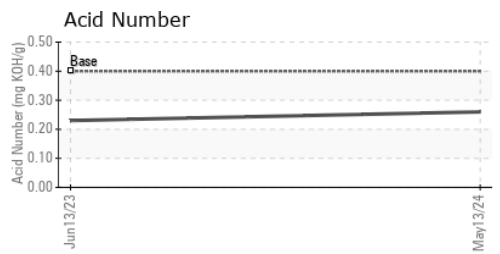
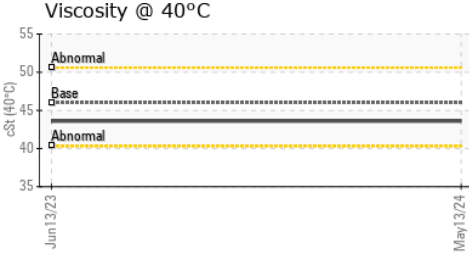
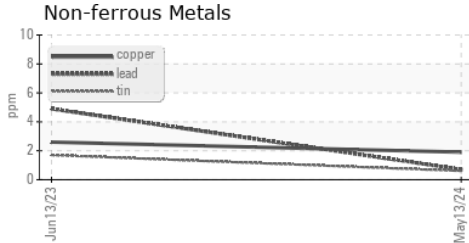
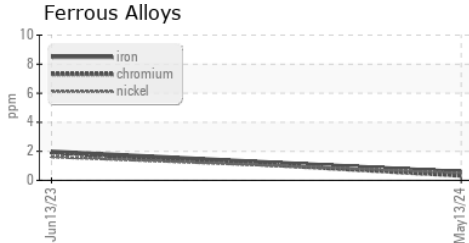
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	MODER
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	HAZY
Odor	scalar	*Visual	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.05	NEG	0.2%
Free Water	scalar	*Visual		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	46	43.6	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UDI0000283 **Received** : 29 May 2024
Lab Number : 06194193 **Tested** : 30 May 2024
Unique Number : 11056316 **Diagnosed** : 30 May 2024 - Wes Davis
Test Package : IND 2

DELTA INDUSTRIES - DOWNERS GROVE
 2201 CURTISS STREET
 DOWNERS GROVE, IL
 US 60515
 Contact: MICHAEL FERRIS

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)