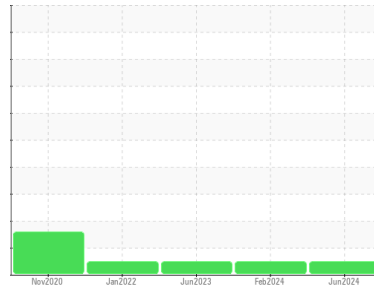




# OIL ANALYSIS REPORT

Area  
**S-460 [10030]**  
 Machine Id  
**KAESER 7167592 - HU-FRIEDY (S/N 1022)**  
 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		<b>UDI0000344</b>	UCH06090333	UCH05885708
Sample Date	Client Info		<b>04 Jun 2024</b>	07 Feb 2024	13 Jun 2023
Machine Age	hrs	Client Info	<b>37051</b>	34358	28683
Oil Age	hrs	Client Info	<b>2699</b>	5000	2826
Oil Changed	Client Info		<b>Changed</b>	Changed	Not Changed
Sample Status			<b>NORMAL</b>	NORMAL	NORMAL

## CONTAMINATION

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

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	<b>0</b>	0	2
Chromium	ppm	ASTM D5185m >10	<b>0</b>	0	2
Nickel	ppm	ASTM D5185m >3	<b>0</b>	0	2
Titanium	ppm	ASTM D5185m >3	<b>0</b>	0	2
Silver	ppm	ASTM D5185m >2	<b>0</b>	0	1
Aluminum	ppm	ASTM D5185m >10	<b>3</b>	0	5
Lead	ppm	ASTM D5185m >10	<b>0</b>	0	5
Copper	ppm	ASTM D5185m >50	<b>4</b>	8	4
Tin	ppm	ASTM D5185m >10	<b>&lt;1</b>	<1	2
Antimony	ppm	ASTM D5185m	<b>---</b>	---	---
Vanadium	ppm	ASTM D5185m	<b>0</b>	0	1
Cadmium	ppm	ASTM D5185m	<b>0</b>	0	2

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<b>0</b>	0	0
Barium	ppm	ASTM D5185m 90	<b>&lt;1</b>	0	8
Molybdenum	ppm	ASTM D5185m	<b>0</b>	0	2
Manganese	ppm	ASTM D5185m	<b>&lt;1</b>	<1	2
Magnesium	ppm	ASTM D5185m 90	<b>&lt;1</b>	<1	10
Calcium	ppm	ASTM D5185m 2	<b>0</b>	<1	<1
Phosphorus	ppm	ASTM D5185m	<b>0</b>	0	4
Zinc	ppm	ASTM D5185m	<b>0</b>	0	8
Sulfur	ppm	ASTM D5185m	<b>20152</b>	13808	18046

## CONTAMINANTS

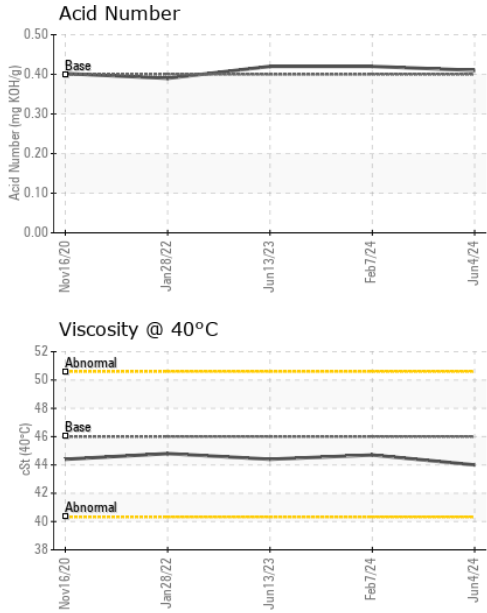
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	<b>&lt;1</b>	<1	3
Sodium	ppm	ASTM D5185m	<b>2</b>	0	3
Potassium	ppm	ASTM D5185m >20	<b>3</b>	0	7

## FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.4	<b>0.41</b>	0.42	0.42



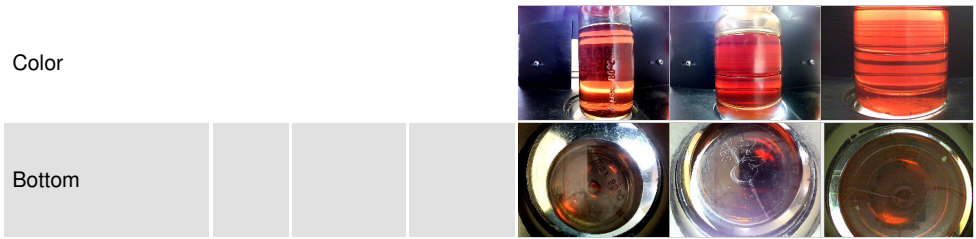
# OIL ANALYSIS REPORT



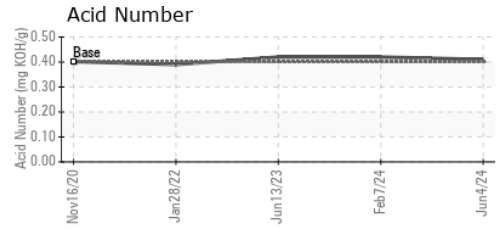
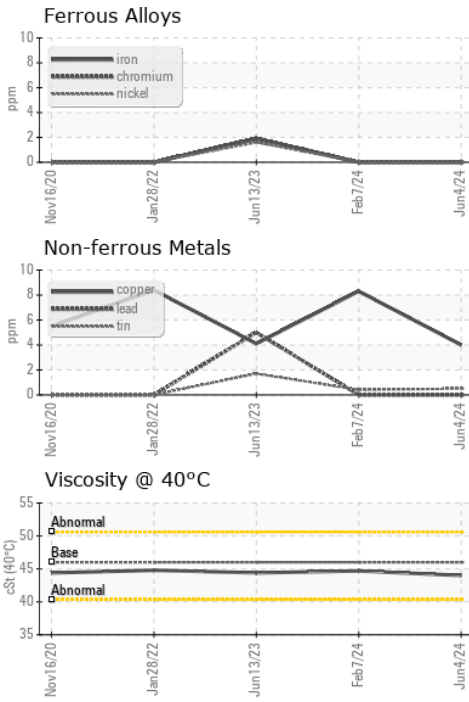
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	MODER
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 46	<b>44.0</b>	44.7	44.4

SAMPLE IMAGES	method	limit/base	current	history1	history2
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## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UDI0000344      **Received** : 04 Jun 2024  
**Lab Number** : **06199402**      **Tested** : 05 Jun 2024  
**Unique Number** : 11061525      **Diagnosed** : 05 Jun 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)

T:  
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