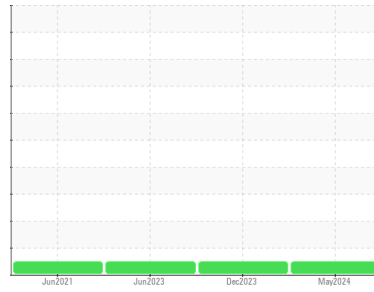




# OIL ANALYSIS REPORT

Area  
**DF8 PLUS**  
 Machine Id  
**KAESER 1008 - COMP 2 - MAGENTA LLC**  
 Component  
**Compressor**

### Sample Rating Trend



**NORMAL**



### DIAGNOSIS

#### Recommendation

Oil and 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 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>UDI0000292</b>	UCH06048986	UCH05885712
Sample Date	Client Info			<b>23 May 2024</b>	20 Dec 2023	13 Jun 2023
Machine Age	hrs	Client Info		<b>120480</b>	119064	116774
Oil Age	hrs	Client Info		<b>1800</b>	2290	2736
Oil Changed		Client Info		<b>Changed</b>	Changed	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>&lt;1</b>	0	3
Chromium	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	2
Nickel	ppm	ASTM D5185m	>3	<b>&lt;1</b>	0	2
Titanium	ppm	ASTM D5185m	>3	<b>&lt;1</b>	0	2
Silver	ppm	ASTM D5185m	>2	<b>1</b>	0	1
Aluminum	ppm	ASTM D5185m	>10	<b>1</b>	1	14
Lead	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	5
Copper	ppm	ASTM D5185m	>50	<b>1</b>	2	4
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	2
Antimony	ppm	ASTM D5185m		<b>---</b>	---	---
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	1
Cadmium	ppm	ASTM D5185m		<b>&lt;1</b>	0	2

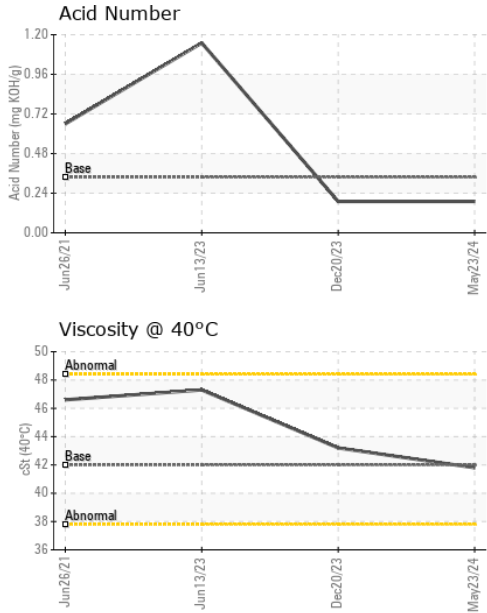
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	1	<b>0</b>	0	0
Barium	ppm	ASTM D5185m	0.3	<b>0</b>	0	8
Molybdenum	ppm	ASTM D5185m	0	<b>&lt;1</b>	0	2
Manganese	ppm	ASTM D5185m	0	<b>&lt;1</b>	<1	2
Magnesium	ppm	ASTM D5185m	0	<b>&lt;1</b>	1	10
Calcium	ppm	ASTM D5185m	0.5	<b>0</b>	1	<1
Phosphorus	ppm	ASTM D5185m	536	<b>221</b>	193	343
Zinc	ppm	ASTM D5185m	0.2	<b>10</b>	23	221
Sulfur	ppm	ASTM D5185m	649	<b>1071</b>	1013	1549

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<b>&lt;1</b>	0	2
Sodium	ppm	ASTM D5185m		<b>0</b>	2	4
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	0	7

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.337	<b>0.19</b>	0.19	1.15



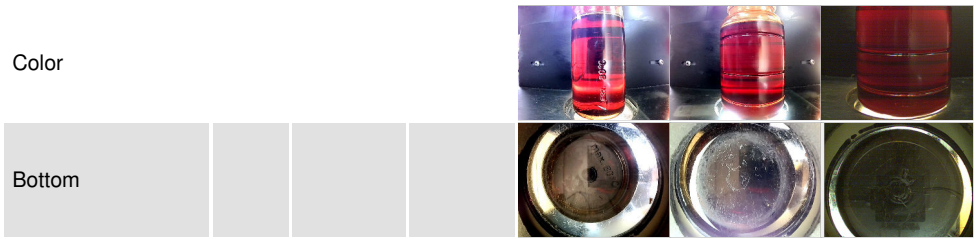
# OIL ANALYSIS REPORT



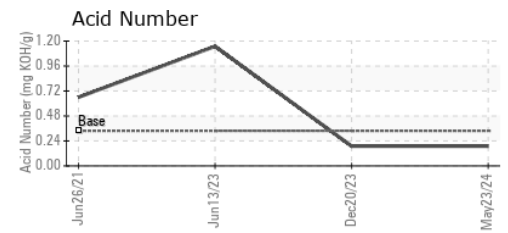
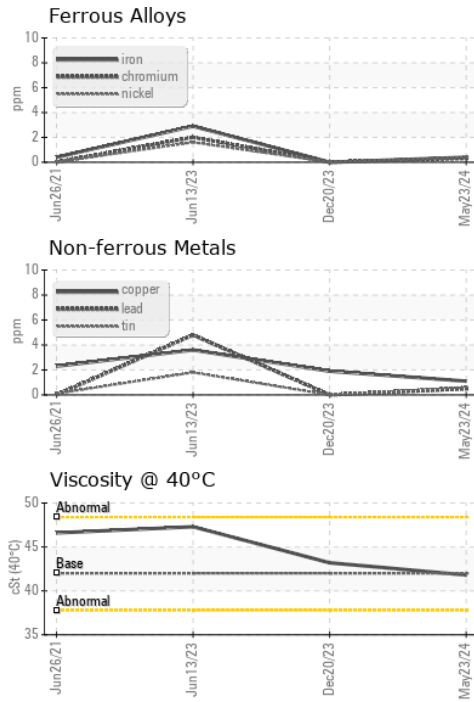
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE
Precipitate	scalar	*Visual	NONE	<b>NONE</b>	NONE
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE
Sand/Dirt	scalar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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	42.0	<b>41.8</b>	43.2

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



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UDI0000292  
**Lab Number** : **06194195**  
**Unique Number** : 11056318  
**Test Package** : IND 2

**Received** : 29 May 2024  
**Tested** : 30 May 2024  
**Diagnosed** : 31 May 2024 - Angela Borella

**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:  
 F: (630)960-3931