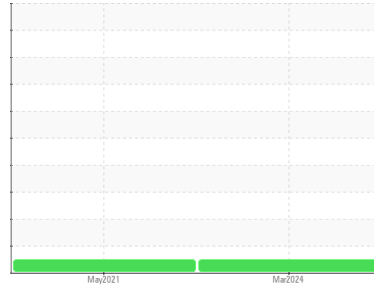




# OIL ANALYSIS REPORT

## Sample Rating Trend



**NORMAL**



Area

**S-460 [9238]**

Machine Id

**KAESER 1010 - WISE PLASTICS TECH**

Component

**Compressor**

### 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>UDI06160510</b>	UCH05264499	---
Sample Date	Client Info			<b>29 Mar 2024</b>	17 May 2021	---
Machine Age	hrs	Client Info		<b>0</b>	68326	---
Oil Age	hrs	Client Info		<b>0</b>	635	---
Oil Changed	Client Info			<b>Changed</b>	Not Changd	---
Sample Status				<b>NORMAL</b>	NORMAL	---

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

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

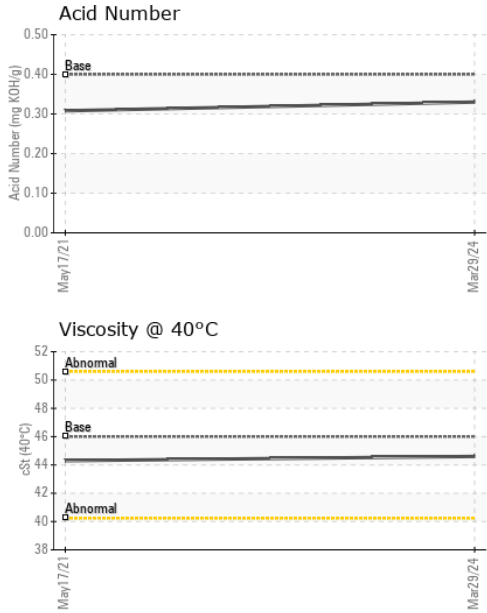
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<b>0</b>	1	---
Barium	ppm	ASTM D5185m	90	<b>6</b>	8	---
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
Magnesium	ppm	ASTM D5185m	90	<b>57</b>	72	---
Calcium	ppm	ASTM D5185m	2	<b>0</b>	<1	---
Phosphorus	ppm	ASTM D5185m		<b>0</b>	2	---
Zinc	ppm	ASTM D5185m		<b>19</b>	12	---
Sulfur	ppm	ASTM D5185m		<b>23368</b>	16393	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<b>2</b>	0	---
Sodium	ppm	ASTM D5185m		<b>30</b>	32	---
Potassium	ppm	ASTM D5185m	>20	<b>4</b>	4	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.4	<b>0.33</b>	0.308	---



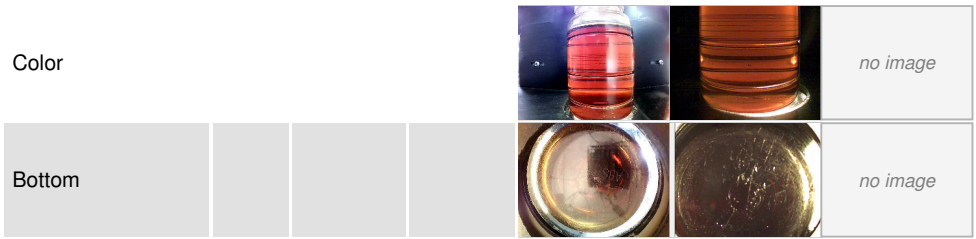
# OIL ANALYSIS REPORT



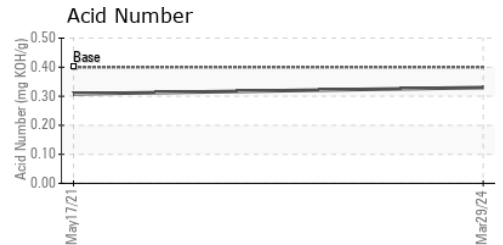
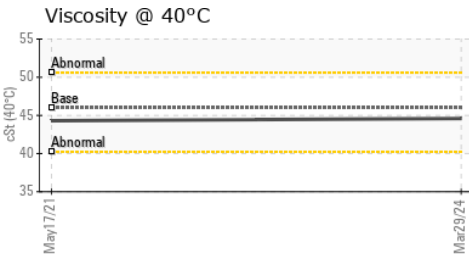
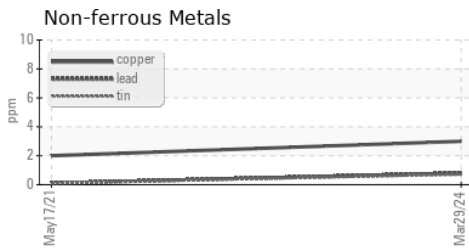
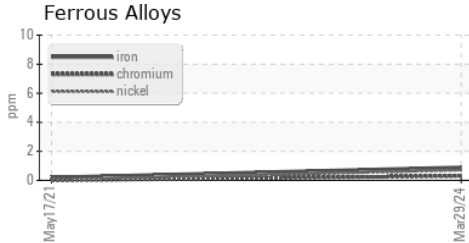
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	LIGHT	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE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

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	46	<b>44.6</b>	44.3	---

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



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UDI06160510      **Received** : 25 Apr 2024  
**Lab Number** : **06160510**      **Tested** : 26 Apr 2024  
**Unique Number** : 10995933      **Diagnosed** : 26 Apr 2024 - Sean Felton  
**Test Package** : IND 2

**DELTA INDUSTRIES - DOWNERS GROVE**  
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 DOWNERS GROVE, IL  
 US 60515  
 Contact: DARRELL WHITLEDGE  
 darrellwhitledge@deltaind.net  
 T: (630)960-3900  
 F: (630)960-3931

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)