



# OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ATTENTION
FLUID CONDITION	NORMAL

Area  
**DPO [10661]**  
Machine Id  
**KAESER 1778 - THOMPSON TIRE AND RETREAD**  
Component  
**Compressor**  
Fluid  
**ULTRACHEM CHEMLUBE PLUS 10 (4 GAL)**

## RECOMMENDATION

The 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.

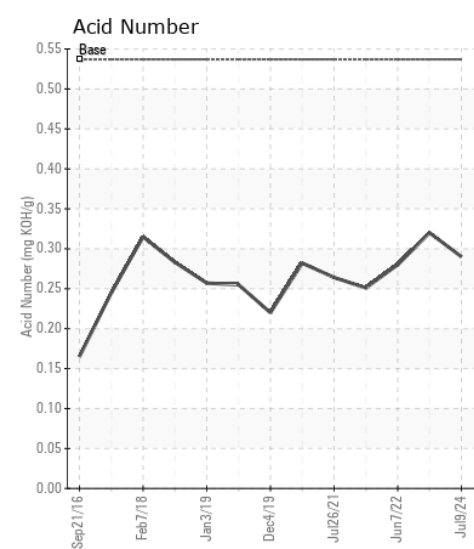
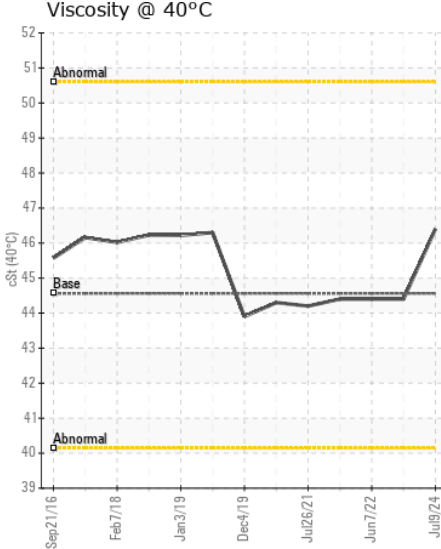
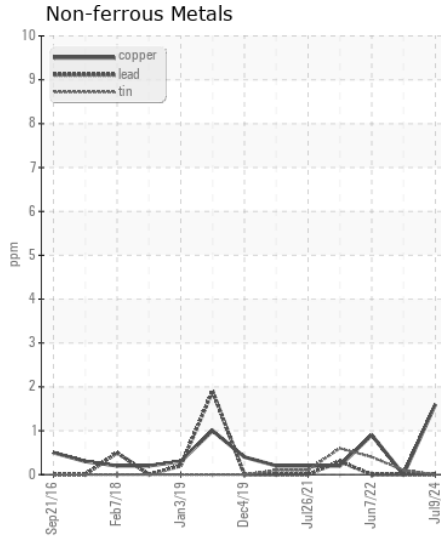
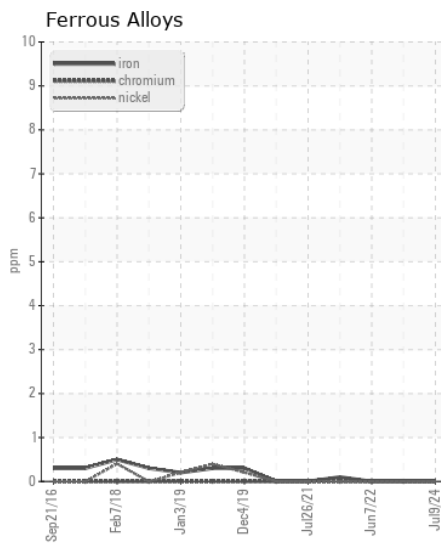
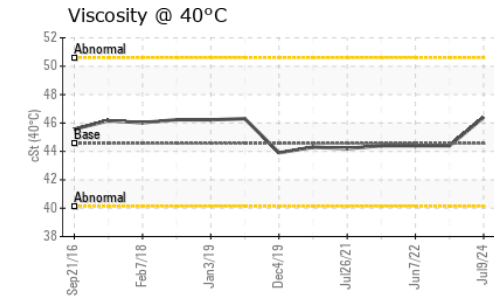
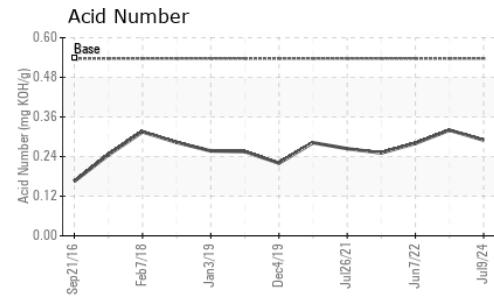
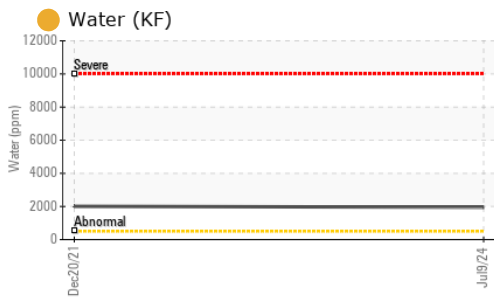
## CONTAMINATION

Moderate concentration of visible dirt/debris present in the oil. There is a light concentration of water present in the oil.

## FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>WC0924357</b>	UCH05905598	UCH05572395
Sample Date		Client Info		<b>09 Jul 2024</b>	14 Jul 2023	07 Jun 2022
Machine Age	hrs	Client Info		<b>27664</b>	26077	24556
Oil Age	hrs	Client Info		<b>1587</b>	5999	4478
Filter Age	hrs	Client Info		<b>1587</b>	2115	594
Oil Changed		Client Info		<b>Not Changd</b>	Changed	Not Changd
Filter Changed		Client Info		<b>Changed</b>	Changed	Not Changd
Sample Status				<b>ATTENTION</b>	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>50	<b>0</b>	0	0
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Nickel	ppm	ASTM D5185m	>3	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m	>3	<b>0</b>	0	0
Silver	ppm	ASTM D5185m	>2	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Lead	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Copper	ppm	ASTM D5185m	>50	<b>2</b>	0	<1
Tin	ppm	ASTM D5185m	>10	<b>0</b>	<1	<1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Silicon	ppm	ASTM D5185m	>25	<b>&lt;1</b>	<1	1
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	0	0
Water	%	ASTM D6304	>0.05	<b>0.195</b>	---	---
ppm Water	ppm	ASTM D6304	>500	<b>1950</b>	---	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>MODER</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.05	<b>0.2%</b>	NEG	NEG
Sodium	ppm	ASTM D5185m		<b>1</b>	0	<1
Boron	ppm	ASTM D5185m	0.1	<b>0</b>	0	2
Barium	ppm	ASTM D5185m	0.8	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	0	<b>0</b>	0	0
Manganese	ppm	ASTM D5185m	0.9	<b>0</b>	<1	0
Magnesium	ppm	ASTM D5185m	0	<b>2</b>	<1	<1
Calcium	ppm	ASTM D5185m	0	<b>0</b>	<1	0
Phosphorus	ppm	ASTM D5185m	409	<b>252</b>	217	213
Zinc	ppm	ASTM D5185m	0	<b>48</b>	39	40
Sulfur	ppm	ASTM D5185m	1290	<b>1067</b>	427	316
Acid Number (AN)	mg KOH/g	ASTM D8045	0.537	<b>0.29</b>	0.32	0.28
Visc @ 40°C	cSt	ASTM D445	44.56	<b>46.4</b>	44.4	44.4



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0924357 **Received** : 15 Jul 2024  
**Lab Number** : 06236175 **Tested** : 16 Jul 2024  
**Unique Number** : 11125009 **Diagnosed** : 17 Jul 2024 - Don Baldridge  
**Test Package** : IND 2 ( Additional Tests: KF )

**DELTA INDUSTRIES - CEDAR RAPIDS**  
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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)