



# OIL ANALYSIS REPORT

Sample Rating Trend

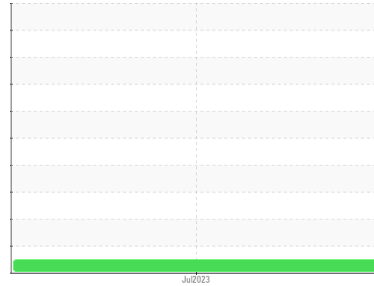
**NORMAL**



Area  
**NOT GIVEN**

Machine Id  
**ELGI MRDS034111 - ATLANTIC TOOL AND FAB**

Component  
**Compressor**



## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

### 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 acceptable for the time in service.

## SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>UCH05926196</b>	---	---
Sample Date	Client Info	<b>12 Jul 2023</b>	---	---
Machine Age	hrs Client Info	<b>15622</b>	---	---
Oil Age	hrs Client Info	<b>0</b>	---	---
Oil Changed	Client Info	<b>N/A</b>	---	---
Sample Status		<b>NORMAL</b>	---	---

## WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185m	>50	<b>0</b>	---	---
Chromium ppm ASTM D5185m	>10	<b>0</b>	---	---
Nickel ppm ASTM D5185m		<b>0</b>	---	---
Titanium ppm ASTM D5185m		<b>0</b>	---	---
Silver ppm ASTM D5185m		<b>0</b>	---	---
Aluminum ppm ASTM D5185m	>25	<b>0</b>	---	---
Lead ppm ASTM D5185m	>25	<b>0</b>	---	---
Copper ppm ASTM D5185m	>50	<b>&lt;1</b>	---	---
Tin ppm ASTM D5185m	>15	<b>0</b>	---	---
Vanadium ppm ASTM D5185m		<b>&lt;1</b>	---	---
Cadmium ppm ASTM D5185m		<b>0</b>	---	---

## ADDITIVES

method	limit/base	current	history1	history2
Boron ppm ASTM D5185m		<b>0</b>	---	---
Barium ppm ASTM D5185m		<b>0</b>	---	---
Molybdenum ppm ASTM D5185m		<b>0</b>	---	---
Manganese ppm ASTM D5185m		<b>0</b>	---	---
Magnesium ppm ASTM D5185m		<b>&lt;1</b>	---	---
Calcium ppm ASTM D5185m		<b>0</b>	---	---
Phosphorus ppm ASTM D5185m		<b>&lt;1</b>	---	---
Zinc ppm ASTM D5185m		<b>0</b>	---	---
Sulfur ppm ASTM D5185m		<b>0</b>	---	---

## CONTAMINANTS

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

## FLUID DEGRADATION

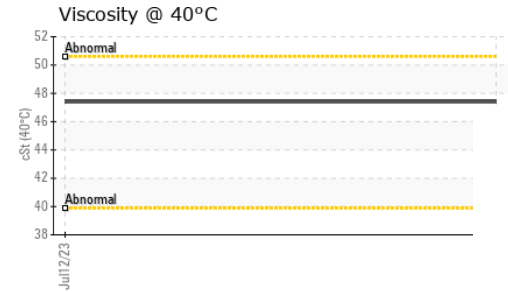
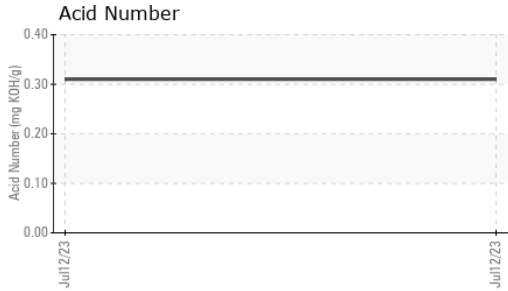
method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g ASTM D8045		<b>0.31</b>	---	---

## VISUAL

method	limit/base	current	history1	history2
White Metal scalar *Visual	NONE	<b>LIGHT</b>	---	---
Yellow Metal scalar *Visual	NONE	<b>NONE</b>	---	---
Precipitate scalar *Visual	NONE	<b>NONE</b>	---	---
Silt scalar *Visual	NONE	<b>NONE</b>	---	---
Debris scalar *Visual	NONE	<b>NONE</b>	---	---
Sand/Dirt scalar *Visual	NONE	<b>NONE</b>	---	---
Appearance scalar *Visual	NORML	<b>NORML</b>	---	---
Odor scalar *Visual	NORML	<b>NORML</b>	---	---
Emulsified Water scalar *Visual	>0.1	<b>NEG</b>	---	---
Free Water scalar *Visual		<b>NEG</b>	---	---



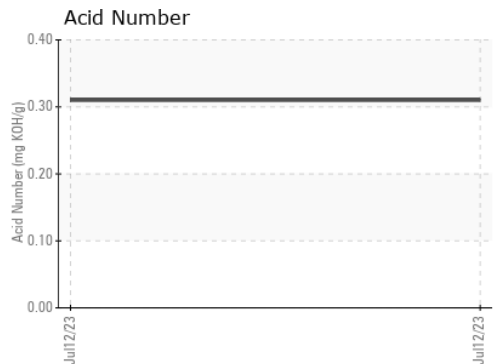
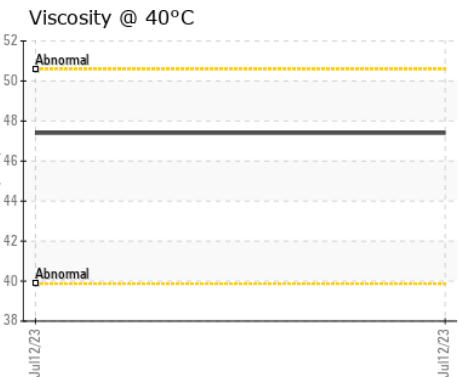
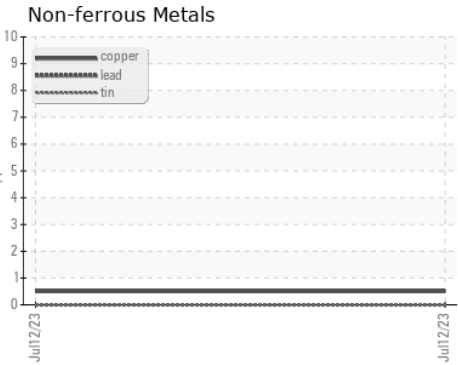
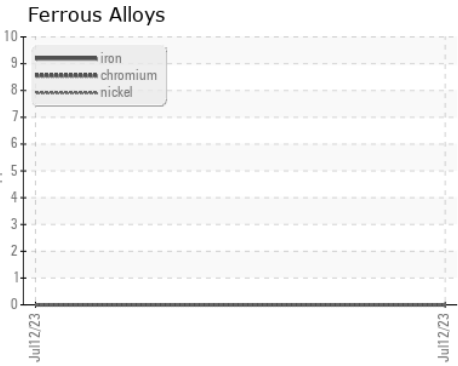
# OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	47.4	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

## GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
 Sample No. : UCH05926196 Received : 16 Aug 2023  
 Lab Number : 05926196 Diagnosed : 17 Aug 2023  
 Unique Number : 10606143 Diagnostician : Don Baldrige  
 Test Package : IND 2

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)

**FLUID FLOW**  
 459 NORTH BROOKS ST  
 MANNING, SC  
 US 29102  
 Contact: TREY WEEKS  
 treyweeks@fluidflow.com

T:  
F: