



# OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id  
**API323-745**  
Component  
**Compressor**  
Fluid  
**PROFERMA 46 (--- GAL)**

## RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor.

## WEAR

All component wear rates are normal.

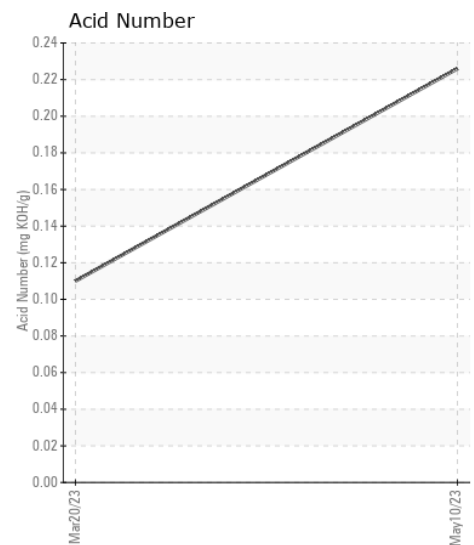
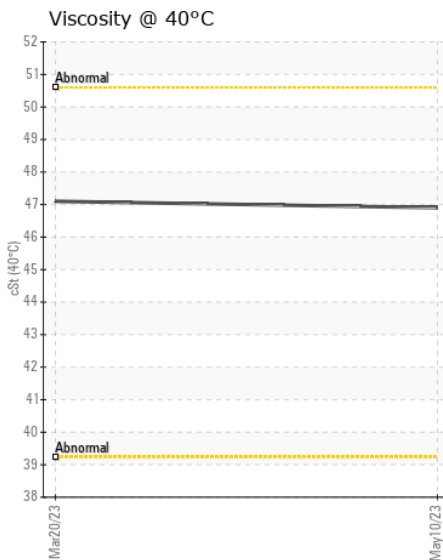
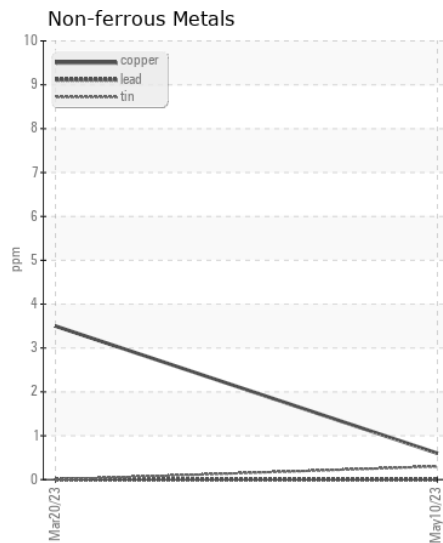
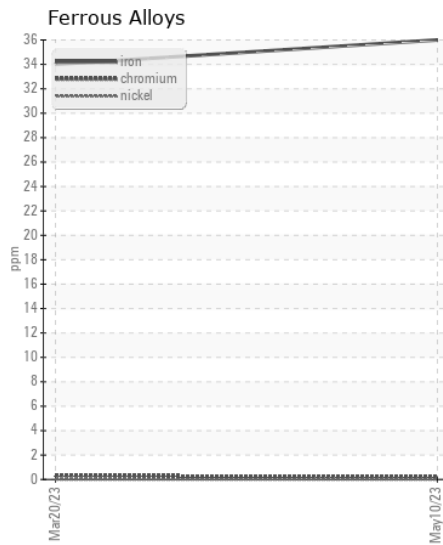
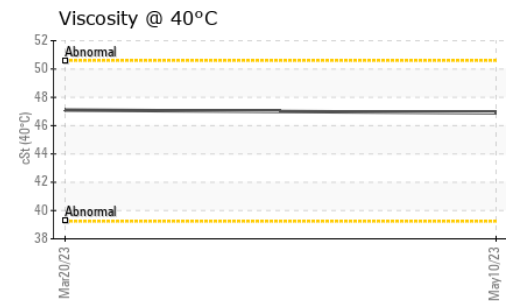
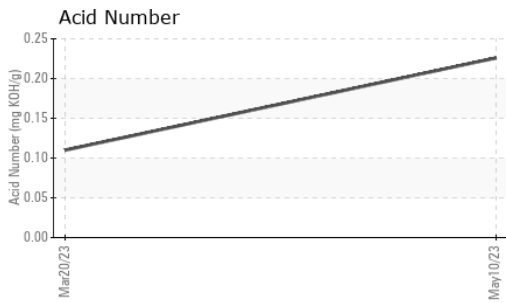
## CONTAMINATION

Moderate concentration of visible dirt/debris present in the oil.

## 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>WC0781012</b>	WC0781007	---
Sample Date		Client Info		<b>10 May 2023</b>	20 Mar 2023	---
Machine Age	hrs	Client Info		<b>20884</b>	20530	---
Oil Age	hrs	Client Info		<b>350</b>	2281	---
Filter Age	hrs	Client Info		<b>350</b>	2281	---
Oil Changed		Client Info		<b>Not Changed</b>	Changed	---
Filter Changed		Client Info		<b>Not Changed</b>	Changed	---
Sample Status				<b>ABNORMAL</b>	NORMAL	---
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Iron	ppm	ASTM D5185m	>50	<b>36</b>	34	---
Chromium	ppm	ASTM D5185m	>5	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185m		<b>0</b>	0	---
Titanium	ppm	ASTM D5185m		<b>2</b>	2	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>15	<b>4</b>	2	---
Lead	ppm	ASTM D5185m	>65	<b>0</b>	0	---
Copper	ppm	ASTM D5185m	>65	<b>&lt;1</b>	4	---
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
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Silicon	ppm	ASTM D5185m	>35	<b>11</b>	14	---
Potassium	ppm	ASTM D5185m	>20	<b>4</b>	6	---
Water		WC Method	>0.1	<b>NEG</b>	NEG	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>▲ MODER</b>	LIGHT	---
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	>0.1	<b>NEG</b>	NEG	---
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Sodium	ppm	ASTM D5185m		<b>5</b>	7	---
Boron	ppm	ASTM D5185m		<b>0</b>	0	---
Barium	ppm	ASTM D5185m		<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185m		<b>0</b>	0	---
Manganese	ppm	ASTM D5185m		<b>7</b>	8	---
Magnesium	ppm	ASTM D5185m		<b>3</b>	4	---
Calcium	ppm	ASTM D5185m		<b>16</b>	14	---
Phosphorus	ppm	ASTM D5185m		<b>54</b>	89	---
Zinc	ppm	ASTM D5185m		<b>5</b>	39	---
Sulfur	ppm	ASTM D5185m		<b>183</b>	341	---
Acid Number (AN)	mg KOH/g	ASTM D8045		<b>0.226</b>	0.11	---
Visc @ 40°C	cSt	ASTM D445		<b>46.9</b>	47.1	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0781012 **Received** : 15 May 2023  
**Lab Number** : 05847243 **Diagnosed** : 17 May 2023  
**Unique Number** : 10471350 **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)

**CASCO USA**  
 2022 FILMORE AVENUE  
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