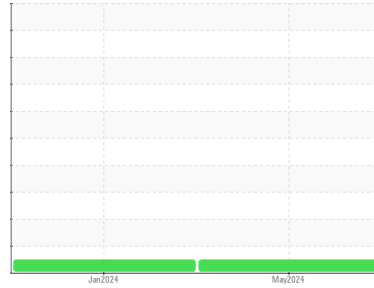




# OIL ANALYSIS REPORT

## Sample Rating Trend



**NORMAL**



Area  
**EXTRUDER**  
 Machine Id  
**EXTRUDER-053**  
 Component  
**Gear Extruder**  
 Fluid  
**NOT GIVEN (72 LTR)**

### 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>WC0887116</b>	WC0855682	---
Sample Date	Client Info			<b>06 May 2024</b>	24 Jan 2024	---
Machine Age	hrs	Client Info		<b>963</b>	963	---
Oil Age	hrs	Client Info		<b>963</b>	963	---
Oil Changed	Client Info			<b>N/A</b>	Not Changd	---
Sample Status				<b>NORMAL</b>	NORMAL	---

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>0.1	<b>NEG</b>	NEG	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>150	<b>49</b>	44	---
Chromium	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	---
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	<1	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>25	<b>2</b>	<1	---
Lead	ppm	ASTM D5185m	>100	<b>&lt;1</b>	<1	---
Copper	ppm	ASTM D5185m	>50	<b>&lt;1</b>	<1	---
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	---
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Cadmium	ppm	ASTM D5185m		<b>&lt;1</b>	0	---

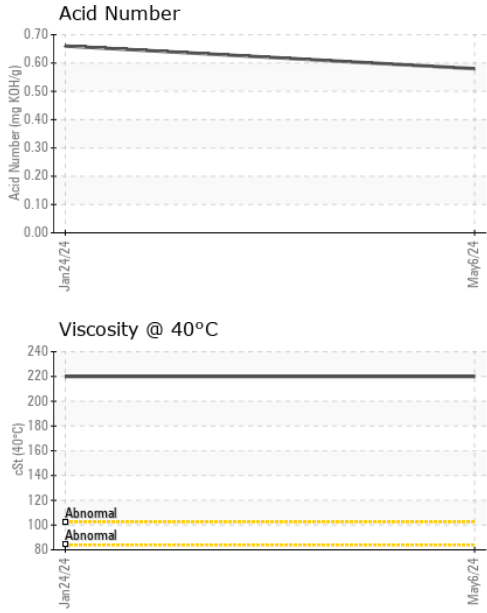
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<b>1</b>	0	---
Barium	ppm	ASTM D5185m		<b>2</b>	0	---
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Manganese	ppm	ASTM D5185m		<b>1</b>	1	---
Magnesium	ppm	ASTM D5185m		<b>&lt;1</b>	1	---
Calcium	ppm	ASTM D5185m		<b>15</b>	14	---
Phosphorus	ppm	ASTM D5185m		<b>291</b>	269	---
Zinc	ppm	ASTM D5185m		<b>8</b>	<1	---
Sulfur	ppm	ASTM D5185m		<b>11558</b>	11081	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	<b>&lt;1</b>	<1	---
Sodium	ppm	ASTM D5185m		<b>0</b>	1	---
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	2	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		<b>0.58</b>	0.66	---



# OIL ANALYSIS REPORT



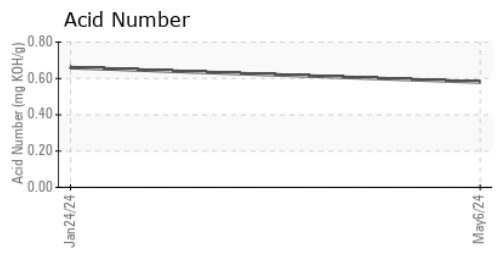
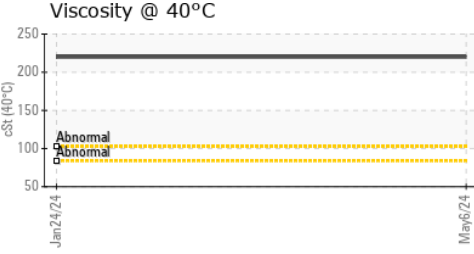
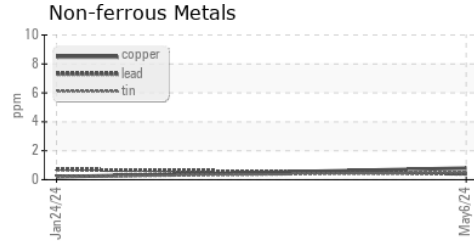
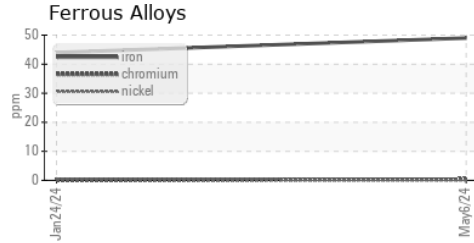
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	LIGHT
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	<b>220</b>	220	---

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

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0887116      **Received** : 13 May 2024  
**Lab Number** : **06177340**      **Tested** : 14 May 2024  
**Unique Number** : 11023393      **Diagnosed** : 15 May 2024 - Don Baldrige  
**Test Package** : IND 2

**PRINSCO - HUBBARD**  
 6401 MILLER ROAD  
 HUBBARD, OR  
 US 97032

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)

Contact: DAVID ELLIS  
DAVID.ELLIS@PRINSCO.COM

T:  
F: