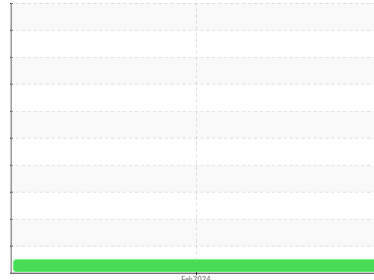




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**TOTE 12**  
 Component  
**New (Unused) Oil**  
 Fluid  
**{not provided} (--- GAL)**

## DIAGNOSIS

### Recommendation

This is a baseline read-out on the submitted sample.

### Fluid Condition

Viscosity of sample indicates oil is within 10W30 range.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>TLC0000417</b>	---	---
Sample Date	Client Info			<b>16 Feb 2024</b>	---	---
Machine Age	hrs	Client Info		<b>0</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	>5	<b>0</b>	---	---
Chromium	ppm	ASTM D5185m	>5	<b>0</b>	---	---
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	---	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	---	---
Silver	ppm	ASTM D5185m	>5	<b>0</b>	---	---
Aluminum	ppm	ASTM D5185m	>5	<b>1</b>	---	---
Lead	ppm	ASTM D5185m	>5	<b>&lt;1</b>	---	---
Copper	ppm	ASTM D5185m	>5	<b>0</b>	---	---
Tin	ppm	ASTM D5185m	>5	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	---	---
Cadmium	ppm	ASTM D5185m		<b>0</b>	---	---

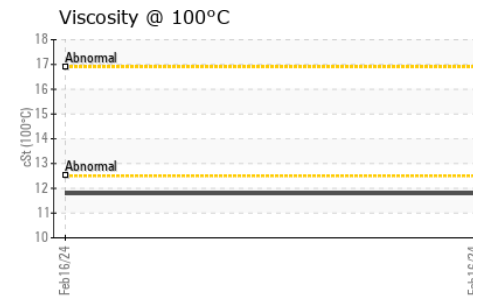
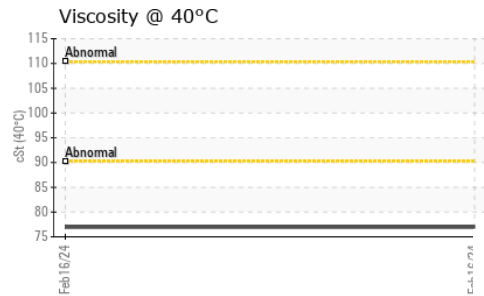
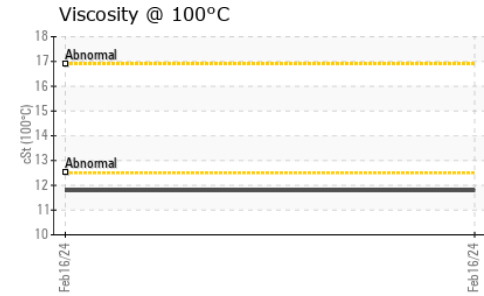
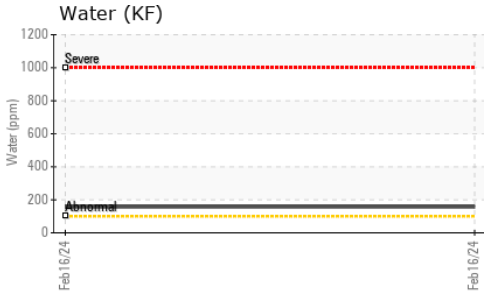
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<b>89</b>	---	---
Barium	ppm	ASTM D5185m		<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185m		<b>43</b>	---	---
Manganese	ppm	ASTM D5185m		<b>0</b>	---	---
Magnesium	ppm	ASTM D5185m		<b>140</b>	---	---
Calcium	ppm	ASTM D5185m		<b>1428</b>	---	---
Phosphorus	ppm	ASTM D5185m		<b>717</b>	---	---
Zinc	ppm	ASTM D5185m		<b>773</b>	---	---
Sulfur	ppm	ASTM D5185m		<b>3462</b>	---	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	<b>6</b>	---	---
Sodium	ppm	ASTM D5185m		<b>2</b>	---	---
Potassium	ppm	ASTM D5185m	>20	<b>3</b>	---	---
Water	%	ASTM D6304		<b>0.015</b>	---	---
ppm Water	ppm	ASTM D6304		<b>157</b>	---	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		<b>1.49</b>	---	---



# OIL ANALYSIS REPORT



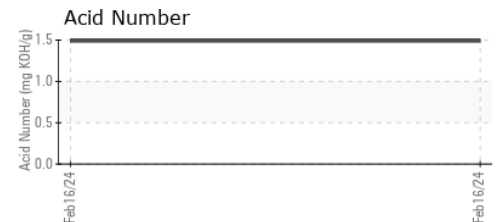
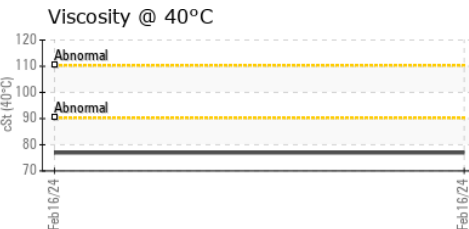
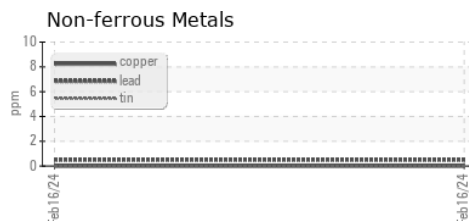
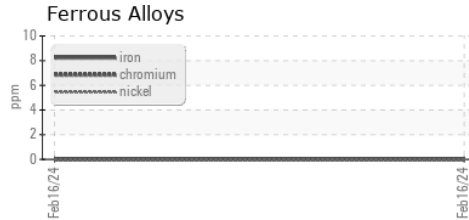
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	76.94	---	---
Visc @ 100°C	cSt	ASTM D445	11.79	---	---
Viscosity Index (VI)	Scale	ASTM D2270	147	---	---

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

## GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : TLC0000417

Lab Number : 06099528

Unique Number : 10897758

Test Package : FLEET ( Additional Tests: FT-IR, ICP-NewOil, KF, KV100, PrtCount, VI )

Received : 23 Feb 2024

Tested : 28 Feb 2024

Diagnosed : 28 Feb 2024 - Doug Bogart

SUPPLY PRO

115 EMPIRE WAY

ATLANTA, GA

US 30354

Contact: MICHAEL JACKSON

mjackson@supplypro1.com

T: (470)991-1693

F:

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)