



# OIL ANALYSIS REPORT

WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Machine Id  
**TOTE 11**  
 Component  
**New (Unused) Oil**  
 Fluid  
**{not provided} (--- GAL)**

## RECOMMENDATION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>TLC0000418</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>	---	---
Filter Age	hrs	Client Info		<b>0</b>	---	---
Oil Changed		Client Info		<b>N/A</b>	---	---
Filter Changed		Client Info		<b>N/A</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

## WEAR

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>&lt;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>	---	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	---	---

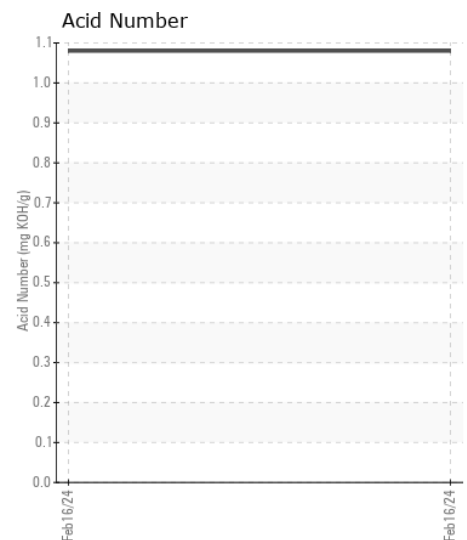
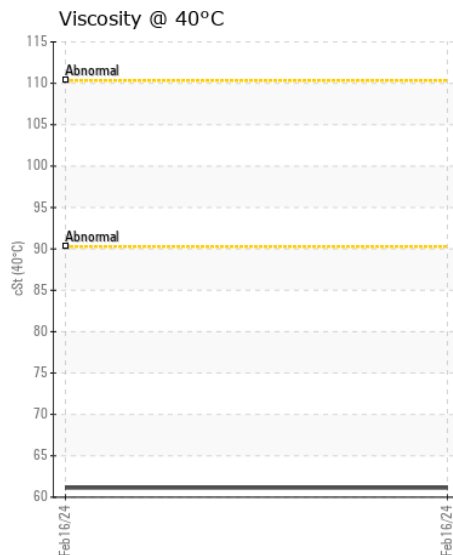
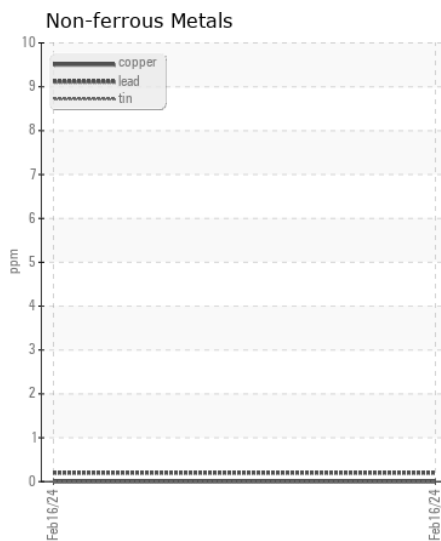
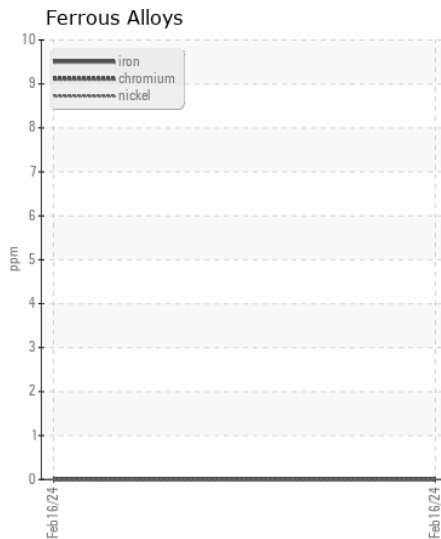
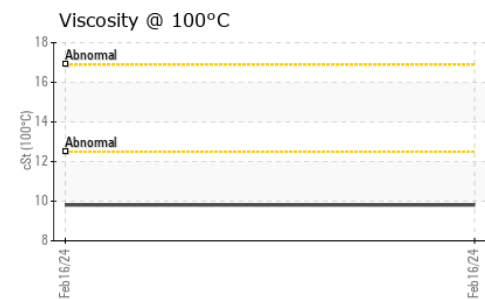
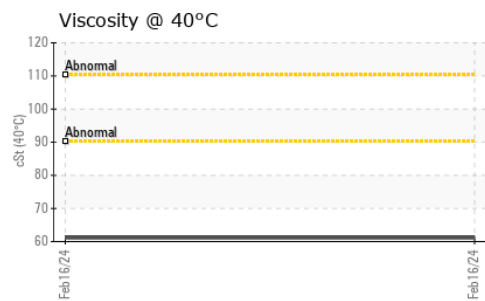
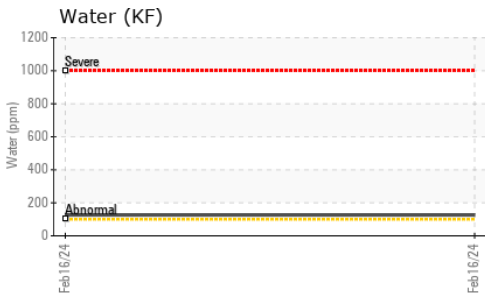
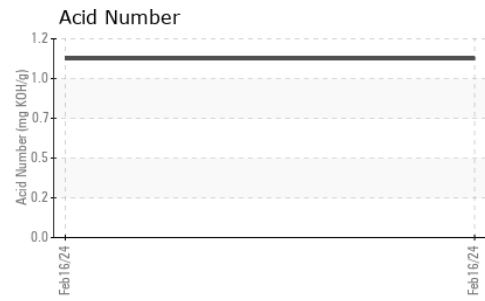
## CONTAMINATION

Silicon	ppm	ASTM D5185m	>15	<b>8</b>	---	---
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	---	---
Water	%	ASTM D6304		<b>0.012</b>	---	---
ppm Water	ppm	ASTM D6304		<b>126</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		<b>NEG</b>	---	---

## FLUID CONDITION

Viscosity of sample indicates oil is within 10W30 range.

Sodium	ppm	ASTM D5185m		<b>2</b>	---	---
Boron	ppm	ASTM D5185m		<b>38</b>	---	---
Barium	ppm	ASTM D5185m		<b>2</b>	---	---
Molybdenum	ppm	ASTM D5185m		<b>22</b>	---	---
Manganese	ppm	ASTM D5185m		<b>0</b>	---	---
Magnesium	ppm	ASTM D5185m		<b>92</b>	---	---
Calcium	ppm	ASTM D5185m		<b>986</b>	---	---
Phosphorus	ppm	ASTM D5185m		<b>531</b>	---	---
Zinc	ppm	ASTM D5185m		<b>542</b>	---	---
Sulfur	ppm	ASTM D5185m		<b>2996</b>	---	---
Acid Number (AN)	mg KOH/g	ASTM D8045		<b>1.08</b>	---	---
Visc @ 40°C	cSt	ASTM D445		<b>61.13</b>	---	---
Visc @ 100°C	cSt	ASTM D445		<b>9.81</b>	---	---
Viscosity Index (VI)	Scale	ASTM D2270		<b>144</b>	---	---



Certificate L2367

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

**Sample No.** : TLC0000418

**Lab Number** : 06099529

**Unique Number** : 10897759

**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

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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)