



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
TOTE 12
 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		TLC0000417	---	---
Sample Date		Client Info		16 Feb 2024	---	---
Machine Age	hrs	Client Info		0	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				NORMAL	---	---

WEAR

Iron	ppm	ASTM D5185m	>5	0	---	---
Chromium	ppm	ASTM D5185m	>5	0	---	---
Nickel	ppm	ASTM D5185m	>5	0	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m	>5	0	---	---
Aluminum	ppm	ASTM D5185m	>5	1	---	---
Lead	ppm	ASTM D5185m	>5	<1	---	---
Copper	ppm	ASTM D5185m	>5	0	---	---
Tin	ppm	ASTM D5185m	>5	0	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

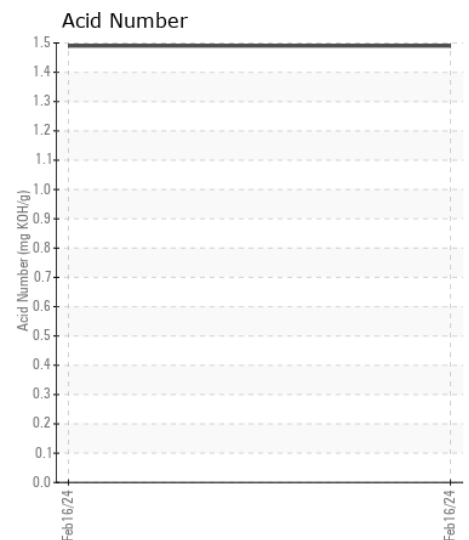
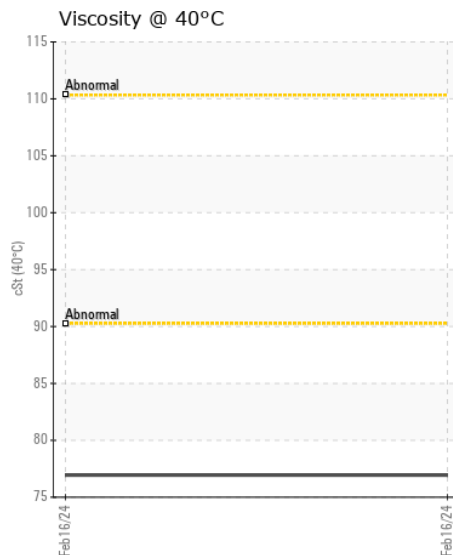
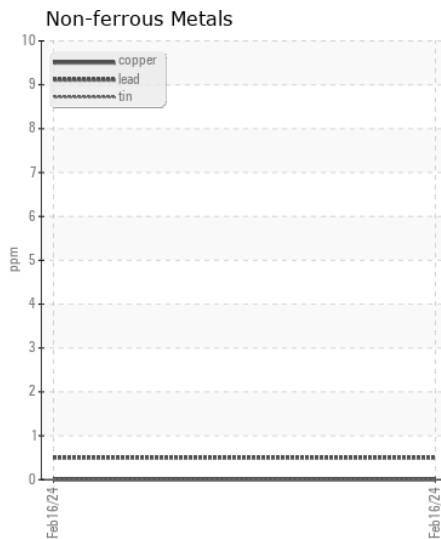
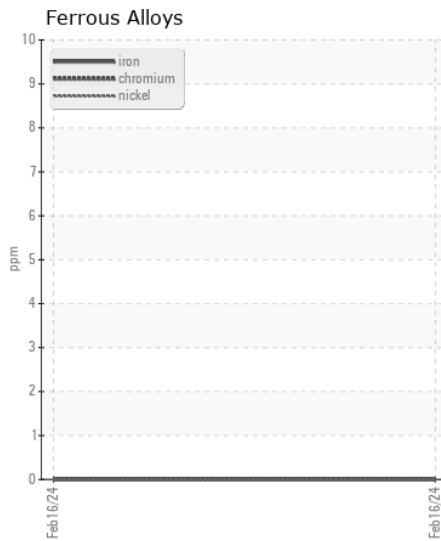
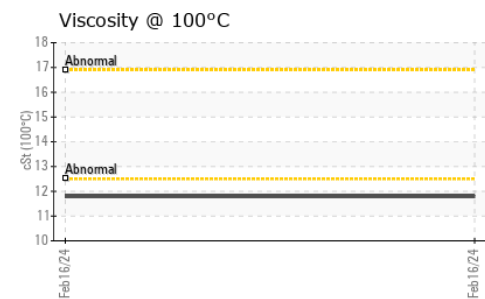
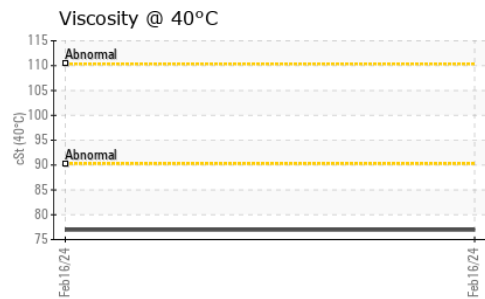
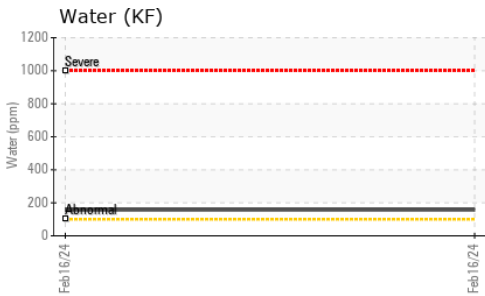
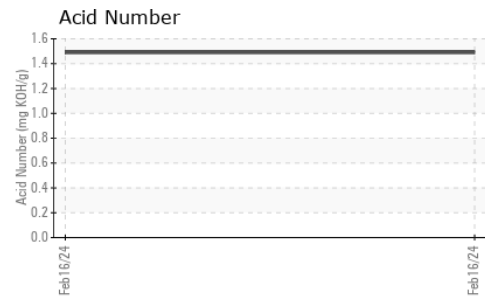
CONTAMINATION

Silicon	ppm	ASTM D5185m	>15	6	---	---
Potassium	ppm	ASTM D5185m	>20	3	---	---
Water	%	ASTM D6304		0.015	---	---
ppm Water	ppm	ASTM D6304		157	---	---
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	---	---

FLUID CONDITION

Viscosity of sample indicates oil is within 10W30 range.

Sodium	ppm	ASTM D5185m		2	---	---
Boron	ppm	ASTM D5185m		89	---	---
Barium	ppm	ASTM D5185m		0	---	---
Molybdenum	ppm	ASTM D5185m		43	---	---
Manganese	ppm	ASTM D5185m		0	---	---
Magnesium	ppm	ASTM D5185m		140	---	---
Calcium	ppm	ASTM D5185m		1428	---	---
Phosphorus	ppm	ASTM D5185m		717	---	---
Zinc	ppm	ASTM D5185m		773	---	---
Sulfur	ppm	ASTM D5185m		3462	---	---
Acid Number (AN)	mg KOH/g	ASTM D8045		1.49	---	---
Visc @ 40°C	cSt	ASTM D445		76.94	---	---
Visc @ 100°C	cSt	ASTM D445		11.79	---	---
Viscosity Index (VI)	Scale	ASTM D2270		147	---	---



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

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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)