



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id
CYLINDER
 Component
Hydraulic System
 Fluid
EXXON UNIVIS HVI 26 (--- GAL)

RECOMMENDATION

We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor. Please note that this is a corrected copy.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PH0002376	---	---
Sample Date		Client Info		10 May 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				ABNORMAL	---	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>20	0	---	---
Chromium	ppm	ASTM D5185m	>20	0	---	---
Nickel	ppm	ASTM D5185m	>20	0	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>20	0	---	---
Lead	ppm	ASTM D5185m	>20	0	---	---
Copper	ppm	ASTM D5185m	>20	<1	---	---
Tin	ppm	ASTM D5185m	>20	<1	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

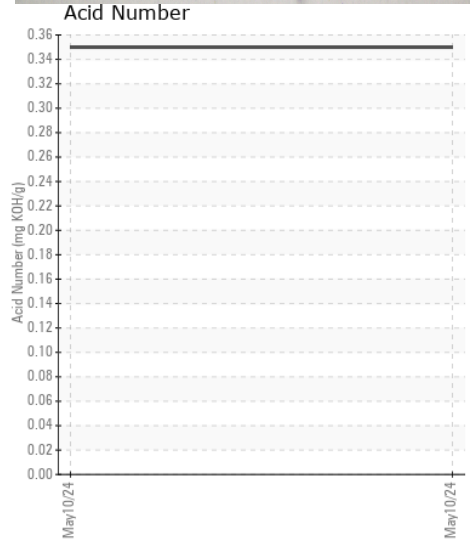
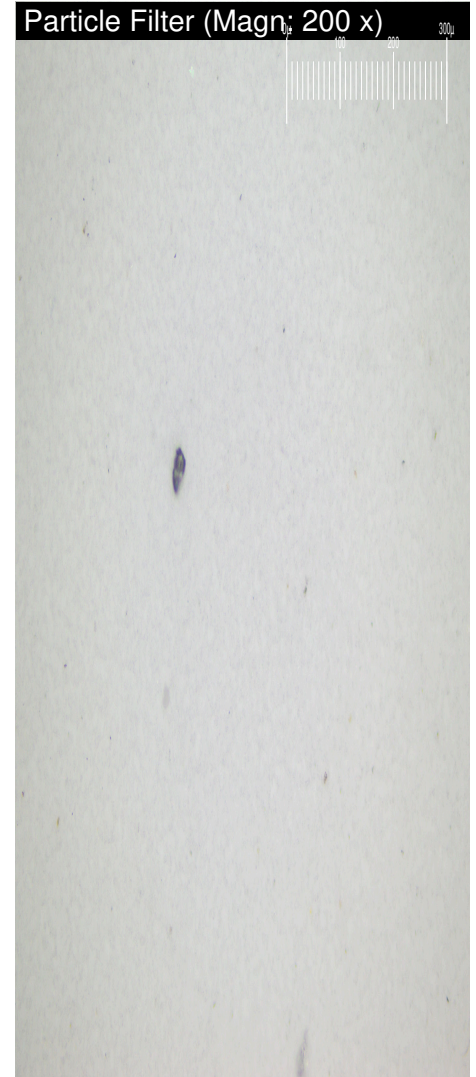
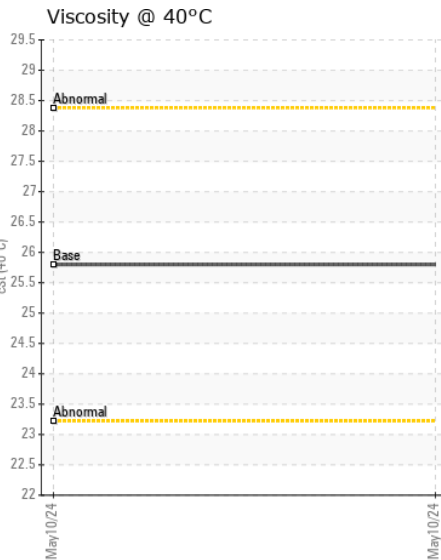
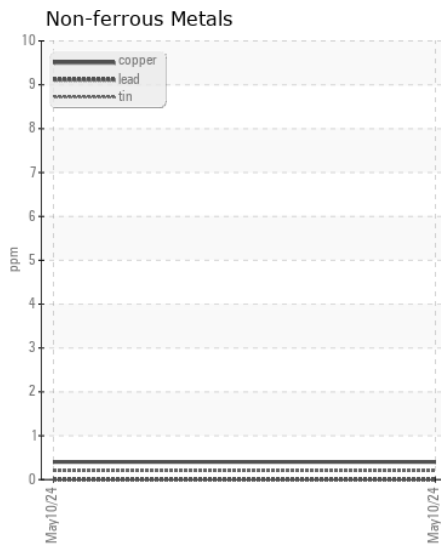
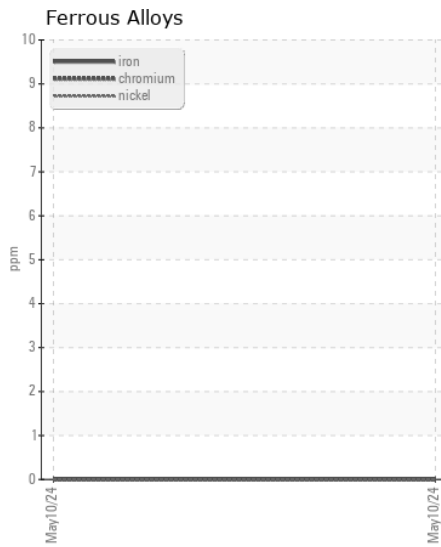
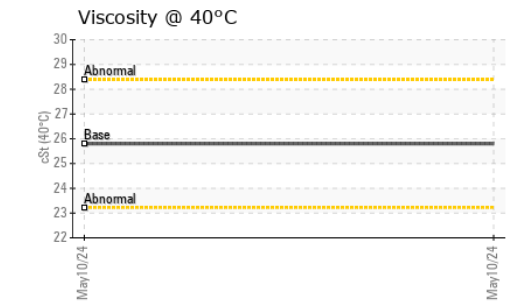
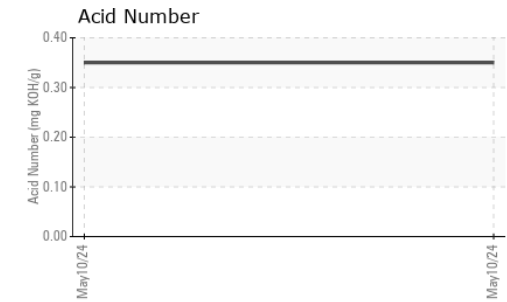
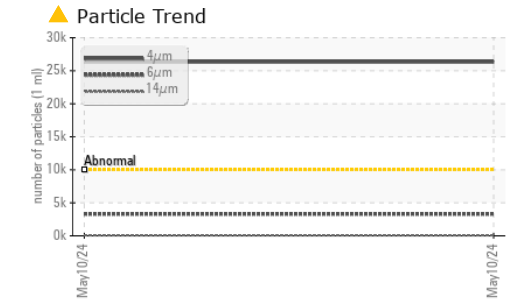
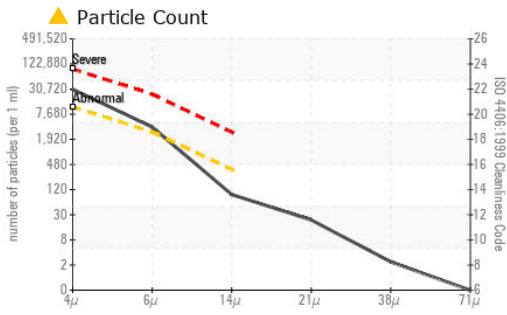
There is a high amount of silt (particulates < 14 microns in size) present in the oil.

Silicon	ppm	ASTM D5185m	>15	1	---	---
Potassium	ppm	ASTM D5185m	>20	2	---	---
Water		WC Method	>0.05	NEG	---	---
Particles >4µm		ASTM D7647	>10000	▲ 26333	---	---
Particles >6µm		ASTM D7647	>2500	● 3304	---	---
Particles >14µm		ASTM D7647	>320	81	---	---
Particles >21µm		ASTM D7647	>80	20	---	---
Particles >38µm		ASTM D7647	>20	2	---	---
Particles >71µm		ASTM D7647	>4	0	---	---
Oil Cleanliness		ISO 4406 (c)	>20/18/15	▲ 22/19/14	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	LIGHT	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.05	NEG	---	---

FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185m		1	---	---
Boron	ppm	ASTM D5185m		0	---	---
Barium	ppm	ASTM D5185m		0	---	---
Molybdenum	ppm	ASTM D5185m		0	---	---
Manganese	ppm	ASTM D5185m		<1	---	---
Magnesium	ppm	ASTM D5185m		0	---	---
Calcium	ppm	ASTM D5185m		45	---	---
Phosphorus	ppm	ASTM D5185m		323	---	---
Zinc	ppm	ASTM D5185m		419	---	---
Sulfur	ppm	ASTM D5185m		1228	---	---
Acid Number (AN)	mg KOH/g	ASTM D8045		0.35	---	---
Visc @ 40°C	cSt	ASTM D445	25.8	25.8	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PH0002376 **Received** : 22 May 2024
Lab Number : 06187630 **Tested** : 02 Jul 2024
Unique Number : 11044382 **Diagnosed** : 02 Jul 2024 - Angela Borella
Test Package : PLANT (Additional Tests: PrtFilter)

THIEMAN TAILGATES
 600 E WAYNE ST
 CELINA, OH
 US 45822
 Contact: TERRY EYNOK

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)

T:
F: