



OIL ANALYSIS REPORT

WEAR
CONTAMINATION
FLUID CONDITION

SEVERE
SEVERE
ATTENTION

Area
Store 4 - Fairmont [RO# 149252]

Machine Id
VOGELE 5100-2 1382.0188

Component
Left Auger

Fluid
WIRTGEN GROUP 75W90 (0 GAL)

RECOMMENDATION

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.

WEAR

Gear wear is indicated.

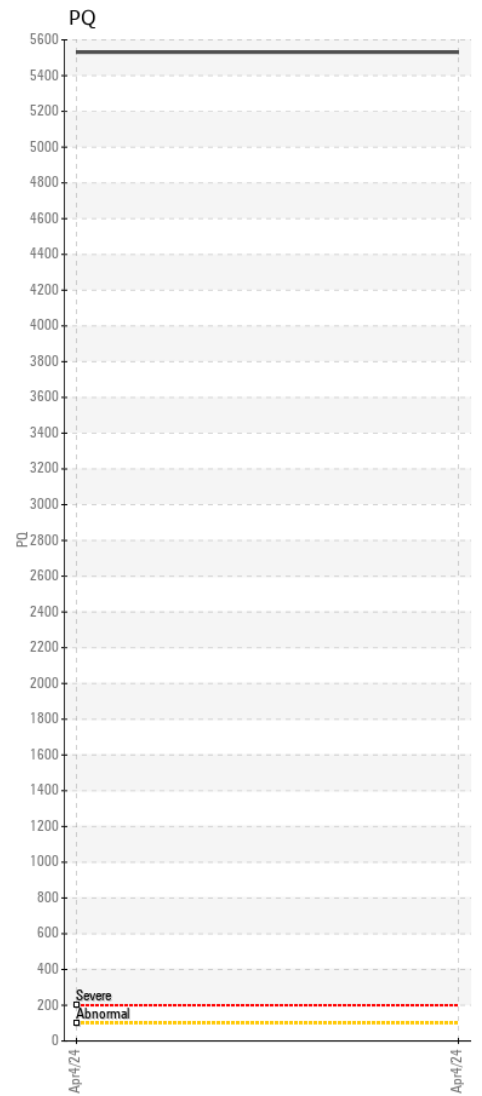
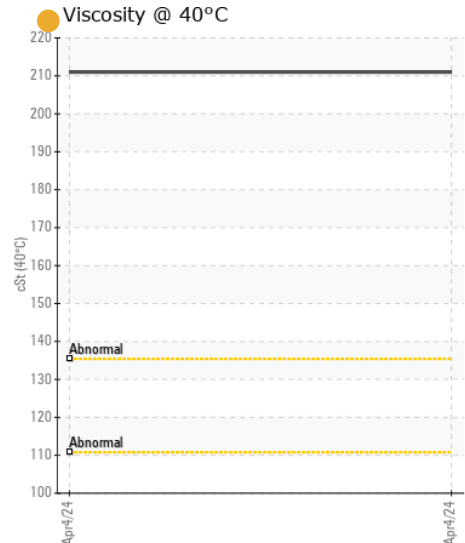
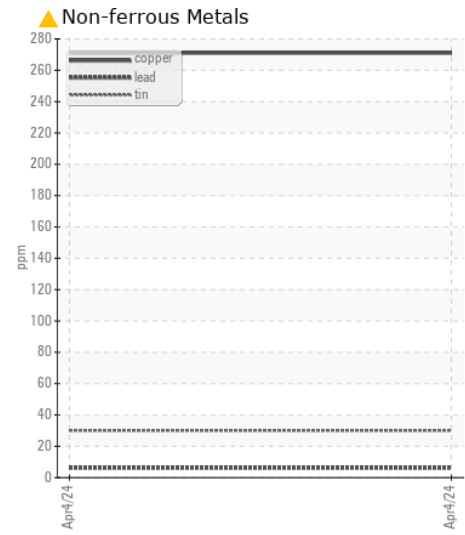
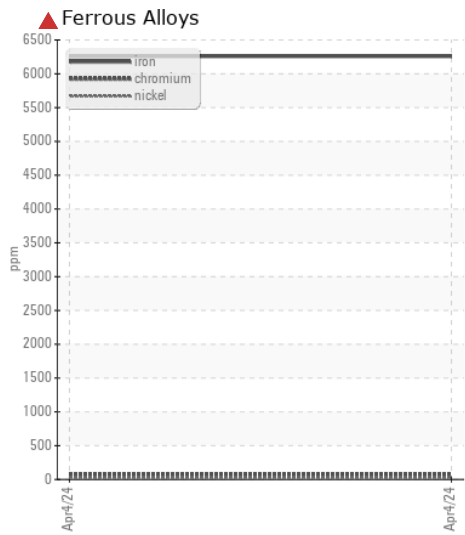
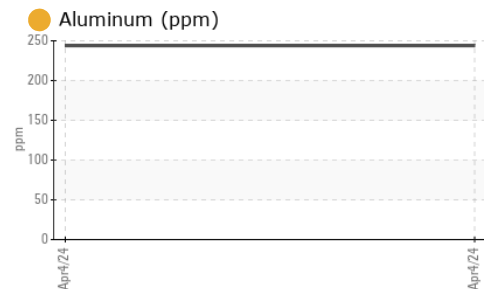
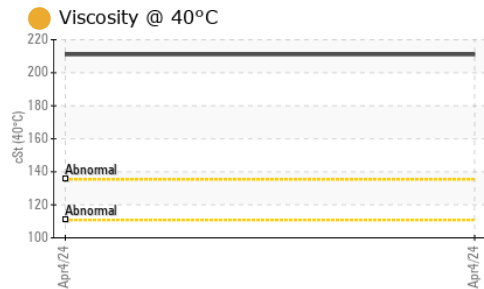
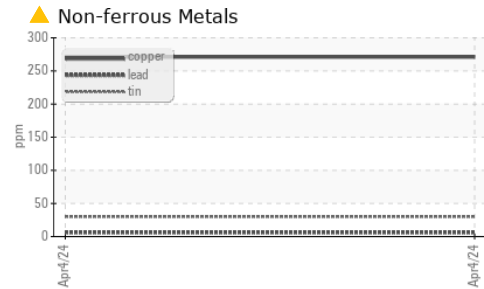
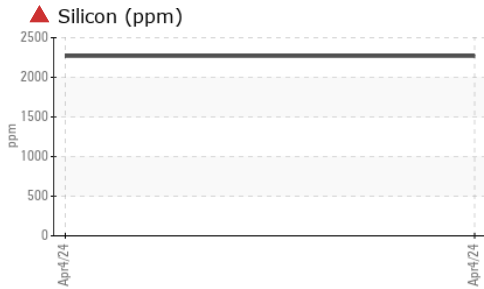
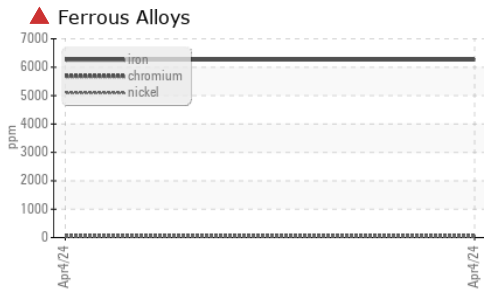
CONTAMINATION

Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress.

FLUID CONDITION

The oil viscosity is higher than normal. The oil is no longer serviceable due to the presence of contaminants.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0049104	---	---
Sample Date		Client Info		04 Apr 2024	---	---
Machine Age	hrs	Client Info		5648	---	---
Oil Age	hrs	Client Info		5648	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		None	---	---
Sample Status				SEVERE	---	---
PQ		ASTM D8184		5531	---	---
Iron	ppm	ASTM D5185m	>200	▲ 6259	---	---
Chromium	ppm	ASTM D5185m	>10	▲ 77	---	---
Nickel	ppm	ASTM D5185m	>10	▲ 27	---	---
Titanium	ppm	ASTM D5185m		17	---	---
Silver	ppm	ASTM D5185m		<1	---	---
Aluminum	ppm	ASTM D5185m		● 244	---	---
Lead	ppm	ASTM D5185m		6	---	---
Copper	ppm	ASTM D5185m		▲ 271	---	---
Tin	ppm	ASTM D5185m		▲ 30	---	---
Vanadium	ppm	ASTM D5185m		<1	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Silicon	ppm	ASTM D5185m		▲ 2268	---	---
Potassium	ppm	ASTM D5185m	>20	102	---	---
Water	%	ASTM D6304	>0.2	NEG	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	HAZY	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.2	0.2%	---	---
Sodium	ppm	ASTM D5185m		82	---	---
Boron	ppm	ASTM D5185m		132	---	---
Barium	ppm	ASTM D5185m		30	---	---
Molybdenum	ppm	ASTM D5185m		227	---	---
Manganese	ppm	ASTM D5185m		45	---	---
Magnesium	ppm	ASTM D5185m		155	---	---
Calcium	ppm	ASTM D5185m		1280	---	---
Phosphorus	ppm	ASTM D5185m		778	---	---
Zinc	ppm	ASTM D5185m		102	---	---
Sulfur	ppm	ASTM D5185m		21558	---	---
Visc @ 40°C	cSt	ASTM D445		● 211	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0049104 **Received** : 09 May 2024
Lab Number : 06174181 **Tested** : 12 May 2024
Unique Number : 11020234 **Diagnosed** : 12 May 2024 - Don Baldrige
Test Package : CONST (Additional Tests: KF, PQ)

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)

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