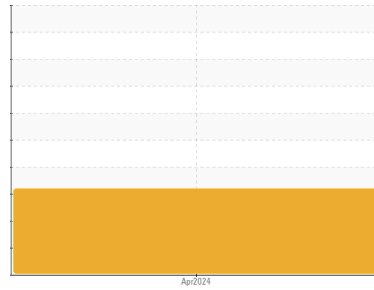




PROBLEM SUMMARY

Machine Id
TO2404
Component
Turbine
Fluid
{not provided} (--- GAL)

Sample Rating Trend

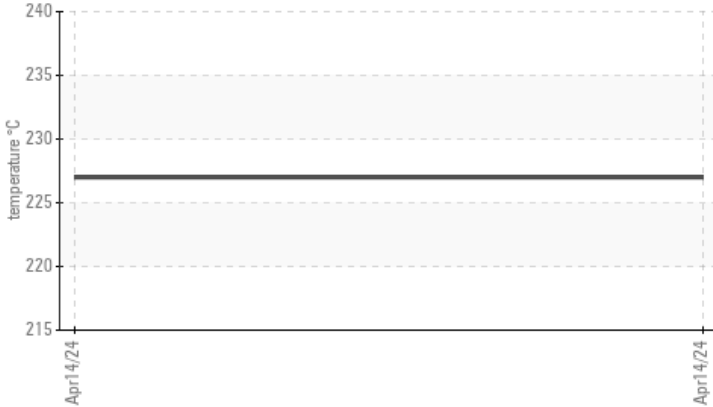


OFF SPEC



COMPONENT CONDITION SUMMARY

▲ Flash Point (°C)



RECOMMENDATION

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

PROBLEMATIC TEST RESULTS

Sample Status			SEVERE	---	---
Foam Tendency	I/II/III	ASTM D892*	▲ 330/40/480	---	---
COC Flash Point	°C	ASTM D92*	▲ 227	---	---

Customer Id: ASTWES
Sample No.: WC
Lab Number: 02629079
Test Package: TO



To manage this report scan the QR code

To discuss the diagnosis or test data:
Kevin Marson +1 (289)291-4644 x4644
Kevin.Marson@wearcheck.com

To change component or sample information:
Gloria Gonzalez +1 (289)291-4643 x4643
gloria.gonzalez@wearcheck.com

RECOMMENDED ACTIONS

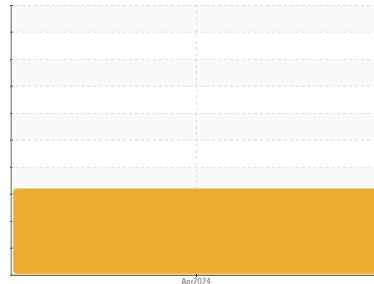
There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend



OFF SPEC



Machine Id
TO2404
 Component
Turbine
 Fluid
 {not provided} (--- GAL)

DIAGNOSIS

▲ Recommendation

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

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WC	---	---
Sample Date	Client Info			14 Apr 2024	---	---
Machine Age	hrs	Client Info		0	---	---
Oil Age	hrs	Client Info		0	---	---
Oil Changed	Client Info			N/A	---	---
Sample Status				SEVERE	---	---

CONTAMINANTS		method	limit/base	current	history1	history2
Water	%	ASTM D6304*	>0.03	0.002	---	---
ppm Water	ppm	ASTM D6304*	>300	16	---	---

INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*		0	---	---
Nitration	Abs/cm	ASTM D7624*		1.8	---	---
Sulfation	Abs/.1mm	ASTM D7415*		11.1	---	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	ASTM D7414*		2.7	---	---
Acid Number (AN)	mg KOH/g	ASTM D974*		0.07	---	---

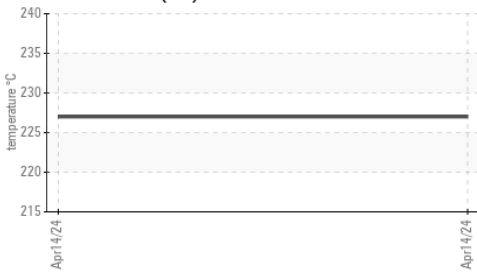
FLUID PROPERTIES		method	limit/base	current	history1	history2
Copper Corr Class	scale	ASTM D130*		1	---	---
Visc @ 40°C	cSt	ASTM D7279(m)		32.0	---	---
Visc @ 100°C	cSt	ASTM D7279(m)		6	---	---
Viscosity Index (VI)	Scale	ASTM D2270*		135	---	---
Separability	oil/h ₂ o/em	ASTM D1401*	//	41/39/0 (11)	---	---
Air Release Time	min	ASTM D3427*		4.50	---	---
Foam Tendency	I/II/III	ASTM D892*		▲ 330/40/480	---	---
Foam Stability	I/II/III	ASTM D892*		0/0/0	---	---
Pour Point	°C	ASTM D97*		-33	---	---
COC Flash Point	°C	ASTM D92*		▲ 227	---	---
Rust Prevention	PASS/FAIL	ASTM D665*		PASS	---	---
Oxidation Test (RPVOT)	minutes	ASTM D2272*		2026	---	---

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

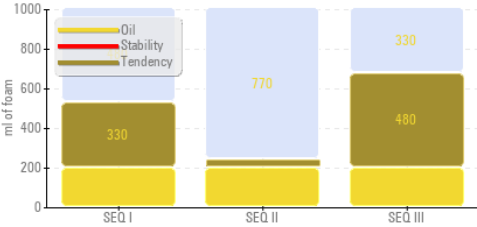


OIL ANALYSIS REPORT

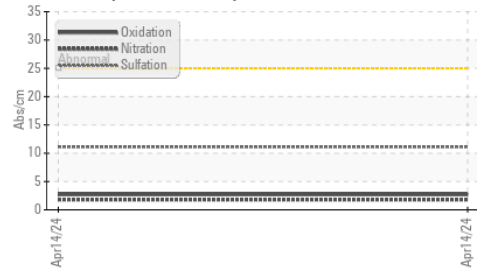
▲ Flash Point (°C)



▲ Foaming SEQ I/II/III



FT-IR (Direct Trend)



RPVOT

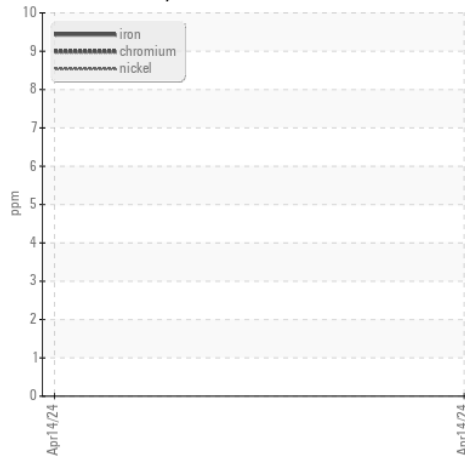


Water (KF)

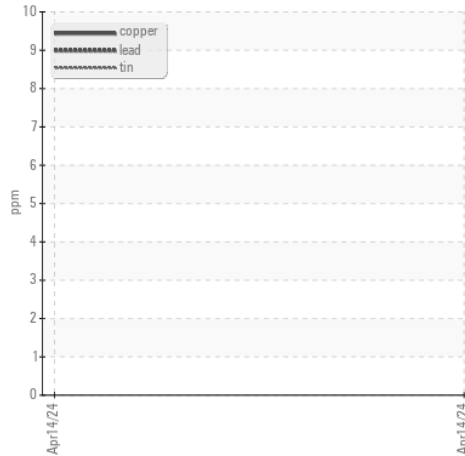


GRAPHS

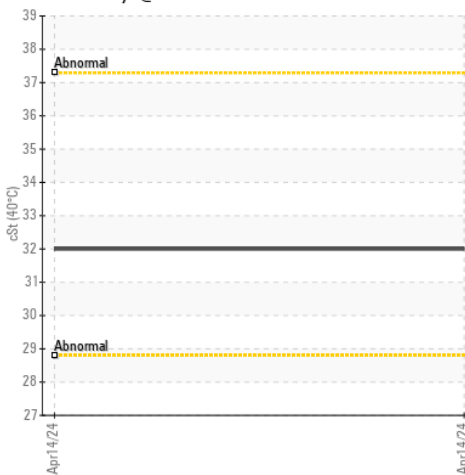
Ferrous Alloys



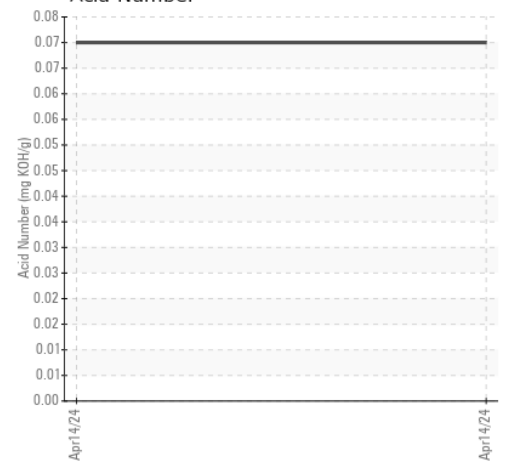
Non-ferrous Metals



Viscosity @ 40°C



Acid Number



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

Sample No. : WC

Lab Number : 02629079

Unique Number : 5762211

Test Package : TO (Additional Tests: VI)

Received : 15 Apr 2024

Tested : 10 May 2024

Diagnosed : 10 May 2024 - Kevin Marson

ASTM
100 BARR HARBOR DRIVE
WEST CONSHOHOCKEN, PA
US 19428

Contact: Frank Perri

frankp@wearcheck.ca

T: (905)569-8600

F: (905)569-8605

To discuss this sample report, contact Customer Service at 1-800-268-2131.

Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.

Validity of results and interpretation are based on the sample and information as supplied.