



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
452
 Component
Fluid
 Fluid
 {not provided} (--- QTS)

RECOMMENDATION

This is a baseline read-out on the submitted sample. Chlorine measured at 41,734 ppm. Please specify the brand, type, and viscosity of the oil on your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC06044932	---	---
Sample Date		Client Info		20 Dec 2023	---	---
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

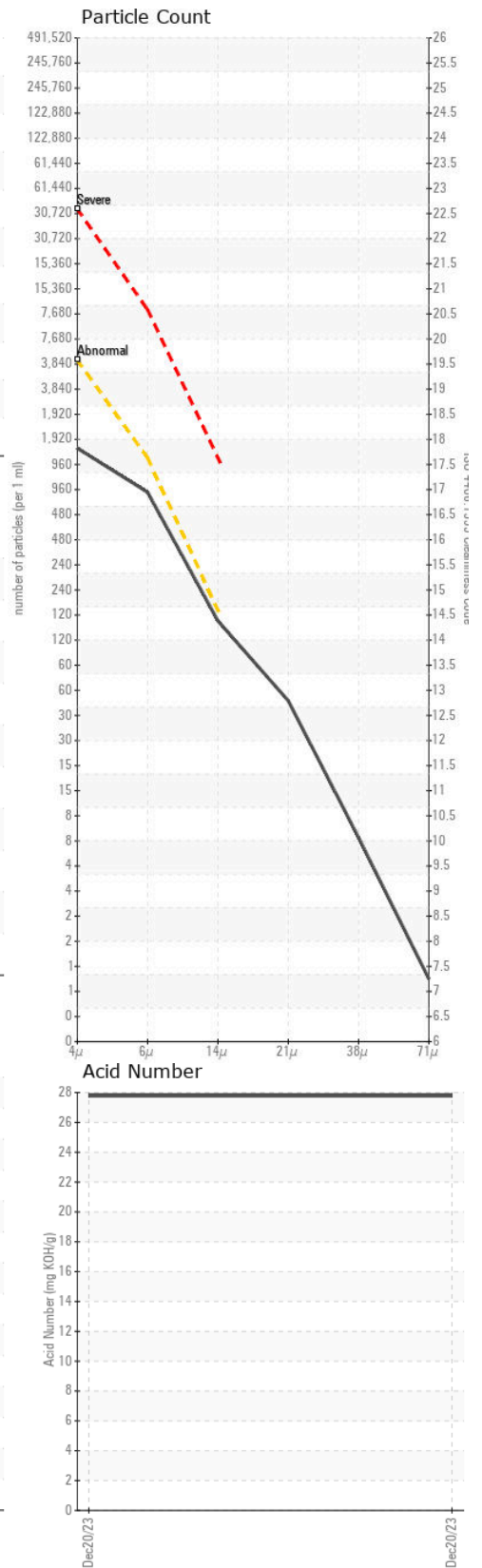
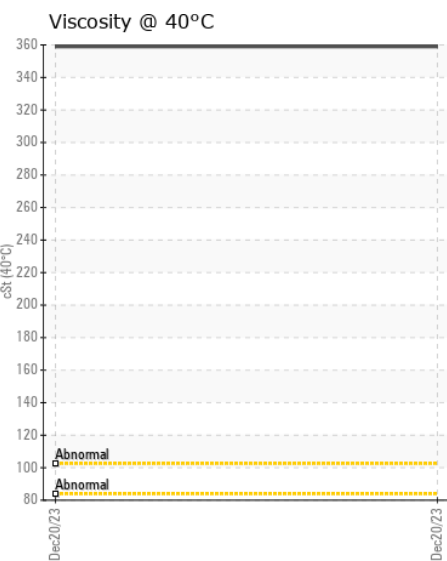
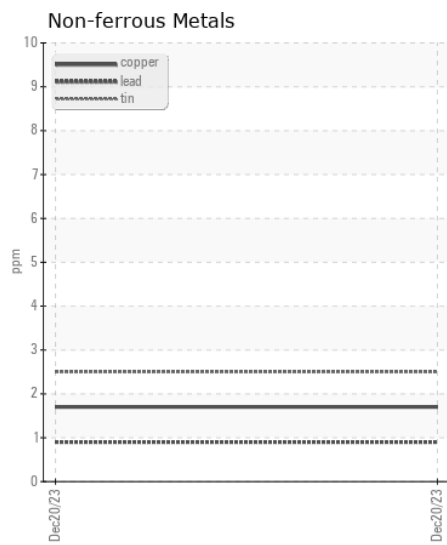
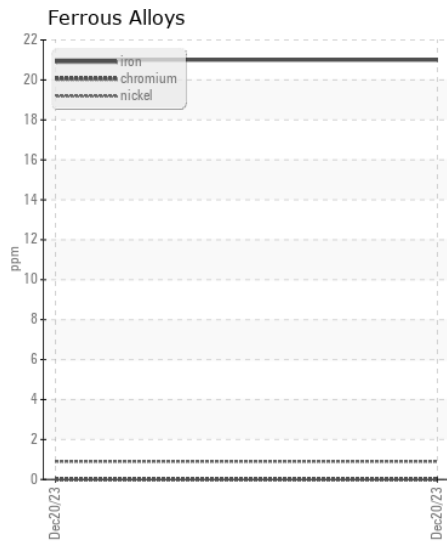
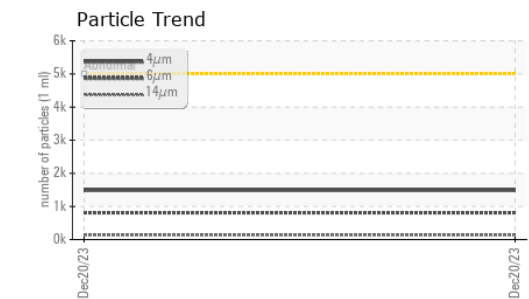
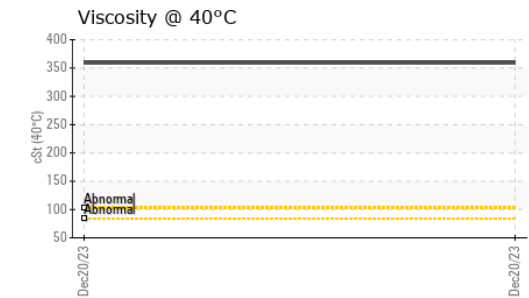
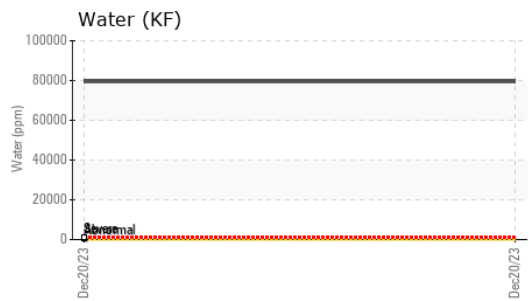
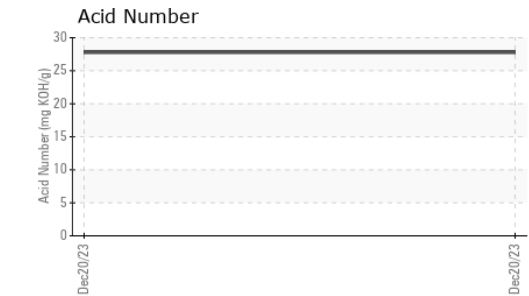
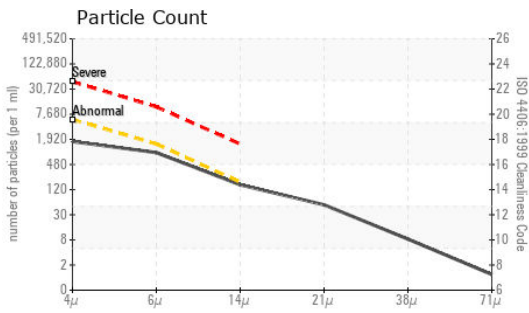
Iron	ppm	ASTM D5185m		21	---	---
Chromium	ppm	ASTM D5185m		0	---	---
Nickel	ppm	ASTM D5185m		<1	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m		<1	---	---
Lead	ppm	ASTM D5185m		<1	---	---
Copper	ppm	ASTM D5185m		2	---	---
Tin	ppm	ASTM D5185m		2	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

Silicon	ppm	ASTM D5185m		12	---	---
Potassium	ppm	ASTM D5185m	>20	38	---	---
Chlorine Content	ppm	ASTM D5185m		41734	---	---
Water	%	ASTM D6304		7.95	---	---
ppm Water	ppm	ASTM D6304		79500	---	---
Particles >4µm		ASTM D7647	>5000	1488	---	---
Particles >6µm		ASTM D7647	>1300	810	---	---
Particles >14µm		ASTM D7647	>160	138	---	---
Particles >21µm		ASTM D7647	>40	46	---	---
Particles >38µm		ASTM D7647	>10	7	---	---
Particles >71µm		ASTM D7647	>3	1	---	---
Oil Cleanliness		ISO 4406 (c)	>19/17/14	18/17/14	---	---
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		0.2%	---	---

FLUID CONDITION

Sodium	ppm	ASTM D5185m		256	---	---
Boron	ppm	ASTM D5185m		2026	---	---
Barium	ppm	ASTM D5185m		21	---	---
Molybdenum	ppm	ASTM D5185m		<1	---	---
Manganese	ppm	ASTM D5185m		8	---	---
Magnesium	ppm	ASTM D5185m		66	---	---
Calcium	ppm	ASTM D5185m		169	---	---
Phosphorus	ppm	ASTM D5185m		1277	---	---
Zinc	ppm	ASTM D5185m		313	---	---
Sulfur	ppm	ASTM D5185m		20555	---	---
Acid Number (AN)	mg KOH/g	ASTM D8045		27.78	---	---
Visc @ 40°C	cSt	ASTM D445		359	---	---



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC06044932 **Received** : 26 Dec 2023
Lab Number : 06044932 **Diagnosed** : 12 Jan 2024
Unique Number : 10805540 **Diagnostician** : Doug Bogart
Test Package : IND 2 (Additional Tests: CHLORINEXRF, KF, PrtCount)

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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