



WEAR	SEVERE
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
1880002
 Component
Transmission
 Fluid
{not provided} (--- QTS)

RECOMMENDATION

Recommend drain fluid if not already done and flush before refilling with fluid. We recommend an early resample to monitor this condition. Please note that the fluid was too thick to perform some of the normal laboratory tests.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		IL0035115	---	---
Sample Date		Client Info		20 Dec 2023	---	---
Machine Age	mls	Client Info		144014	---	---
Oil Age	mls	Client Info		0	---	---
Filter Age	mls	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				SEVERE	---	---

WEAR

Gear wear is indicated.

Iron	ppm	ASTM D5185m	>350	617	---	---
Chromium	ppm	ASTM D5185m	>4	5	---	---
Nickel	ppm	ASTM D5185m	>2	<1	---	---
Titanium	ppm	ASTM D5185m	>2	1	---	---
Silver	ppm	ASTM D5185m	>3	<1	---	---
Aluminum	ppm	ASTM D5185m	>25	6	---	---
Lead	ppm	ASTM D5185m	>25	2	---	---
Copper	ppm	ASTM D5185m	>600	40	---	---
Tin	ppm	ASTM D5185m	>4	<1	---	---
Vanadium	ppm	ASTM D5185m		<1	---	---
White Metal	scalar	*Visual	NONE	LIGHT	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

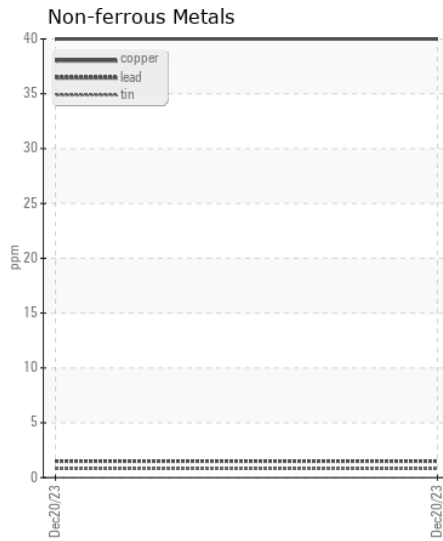
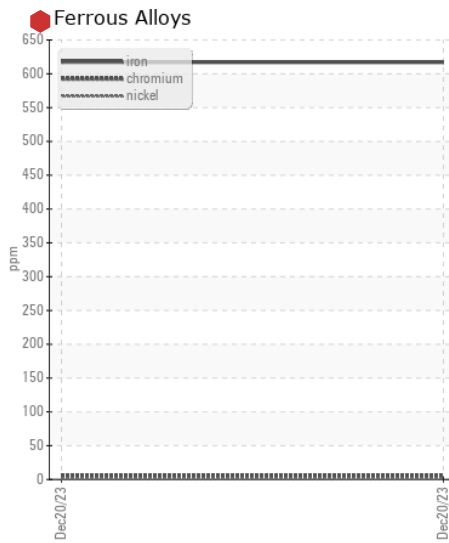
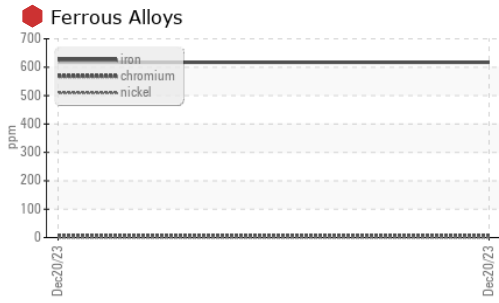
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>55	25	---	---
Potassium	ppm	ASTM D5185m	>20	9	---	---
Water	%	ASTM D6304	>0.1	NEG	---	---
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	>0.1	NEG	---	---

FLUID CONDITION

The fluid is highly oxidized and beyond the limit of serviceability.

Sodium	ppm	ASTM D5185m		16	---	---
Boron	ppm	ASTM D5185m		250	---	---
Barium	ppm	ASTM D5185m		20	---	---
Molybdenum	ppm	ASTM D5185m		7	---	---
Manganese	ppm	ASTM D5185m		34	---	---
Magnesium	ppm	ASTM D5185m		17	---	---
Calcium	ppm	ASTM D5185m		5503	---	---
Phosphorus	ppm	ASTM D5185m		1199	---	---
Zinc	ppm	ASTM D5185m		1532	---	---
Sulfur	ppm	ASTM D5185m		7278	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : IL0035115 **Received** : 28 Dec 2023
Lab Number : 06047476 **Diagnosed** : 09 Jan 2024
Unique Number : 10808084 **Diagnostician** : Doug Bogart
Test Package : FLEET (Additional Tests: KF)

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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