



OIL ANALYSIS REPORT

Sample Rating Trend



DIRT



Machine Id
MITSUBISHI GZ608125

Component
Transmission (Auto)

Fluid
MITSUBISHI J4 CVT TRANS FLUID (--- QTS)

DIAGNOSIS

▲ Recommendation

We advise that you check all areas where dirt can enter the system. We recommend that you drain the fluid from the component if this has not already been done. We recommend an early resample to monitor this condition. Diagnostician's Note: Sample matches Mitsubishi J4 CVT Transmission Fluid.

Wear

All component wear rates are normal.

▲ Contamination

There is a moderate concentration of dirt present in the fluid.

Fluid Condition

The fluid is no longer serviceable due to the presence of contaminants.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0889875	---	---
Sample Date	Client Info		01 Dec 2023	---	---
Machine Age	hrs	Client Info	131744	---	---
Oil Age	hrs	Client Info	131744	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			ABNORMAL	---	---

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	NEG	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >160	159	---	---
Chromium	ppm	ASTM D5185(m) >5	1	---	---
Nickel	ppm	ASTM D5185(m) >5	3	---	---
Titanium	ppm	ASTM D5185(m)	0	---	---
Silver	ppm	ASTM D5185(m) >5	0	---	---
Aluminum	ppm	ASTM D5185(m) >50	46	---	---
Lead	ppm	ASTM D5185(m) >50	<1	---	---
Copper	ppm	ASTM D5185(m) >225	21	---	---
Tin	ppm	ASTM D5185(m) >10	<1	---	---
Antimony	ppm	ASTM D5185(m)	0	---	---
Vanadium	ppm	ASTM D5185(m)	0	---	---
Beryllium	ppm	ASTM D5185(m)	0	---	---
Cadmium	ppm	ASTM D5185(m)	0	---	---

ADDITIVES

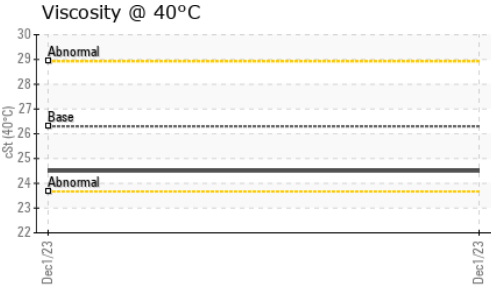
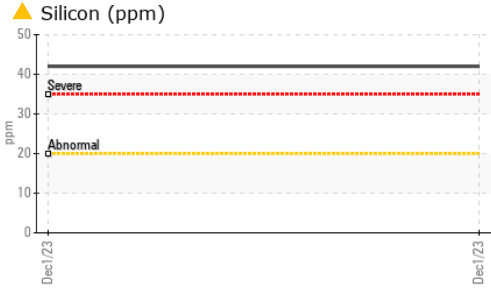
	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m) 140	36	---	---
Barium	ppm	ASTM D5185(m) 0	2	---	---
Molybdenum	ppm	ASTM D5185(m) 0	<1	---	---
Manganese	ppm	ASTM D5185(m) 0	4	---	---
Magnesium	ppm	ASTM D5185(m) 1	3	---	---
Calcium	ppm	ASTM D5185(m) 280	265	---	---
Phosphorus	ppm	ASTM D5185(m) 290	263	---	---
Zinc	ppm	ASTM D5185(m) 0	19	---	---
Sulfur	ppm	ASTM D5185(m) 980	982	---	---
Lithium	ppm	ASTM D5185(m)	<1	---	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >20	▲ 42	---	---
Sodium	ppm	ASTM D5185(m)	7	---	---
Potassium	ppm	ASTM D5185(m) >20	2	---	---



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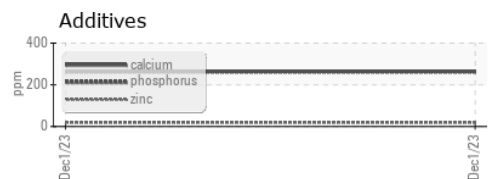
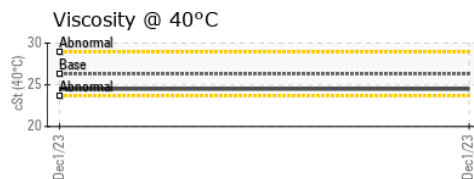
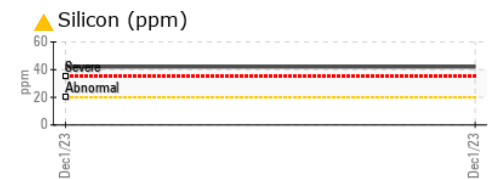
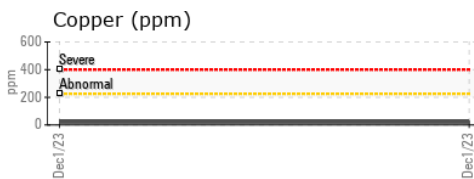
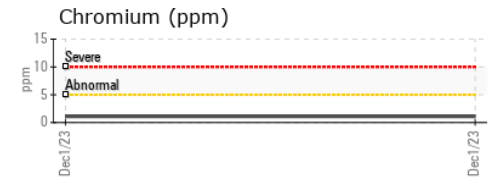
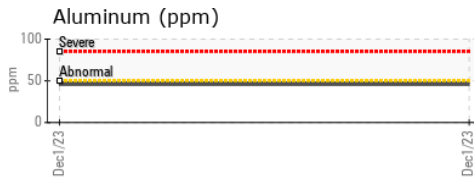
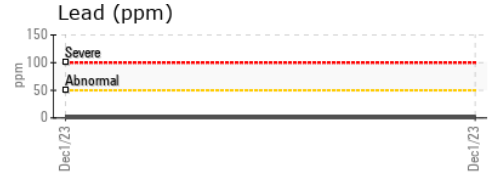
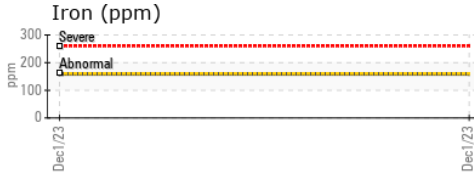
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.1	NEG	---
Free Water	scalar	Visual*		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	26.3	24.5	---

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

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0889875 **Received** : 20 Dec 2023
Lab Number : 02604446 **Diagnosed** : 17 Jan 2024
Unique Number : 5697531 **Diagnostician** : Bill Quesnel
Test Package : MOB 1

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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.