



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
MITSUBISHI MITSUBISHI J4 CVT TRANS FLUID

Component
Reference New (Unused) Oil

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

RECOMMENDATION

This is the baseline readout on this new (unused) oil. The fluid is suitable for service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC	---	---
Sample Date		Client Info		13 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

{not applicable}

Iron	ppm	ASTM D5185(m)		<1	---	---
Chromium	ppm	ASTM D5185(m)		0	---	---
Nickel	ppm	ASTM D5185(m)		<1	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)		0	---	---
Aluminum	ppm	ASTM D5185(m)		1	---	---
Lead	ppm	ASTM D5185(m)		0	---	---
Copper	ppm	ASTM D5185(m)		0	---	---
Tin	ppm	ASTM D5185(m)		0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

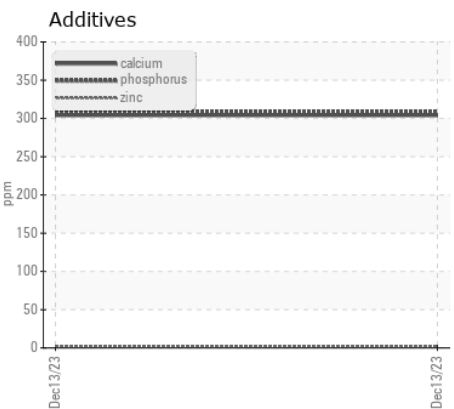
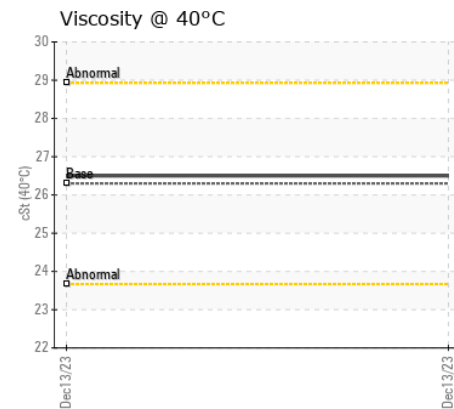
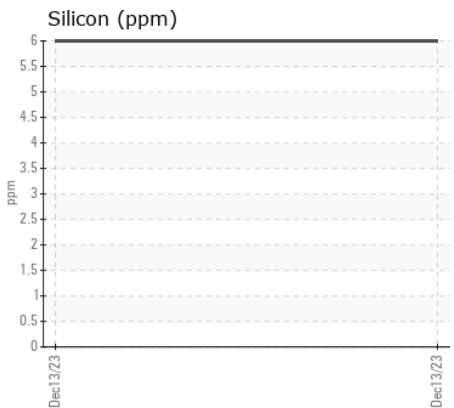
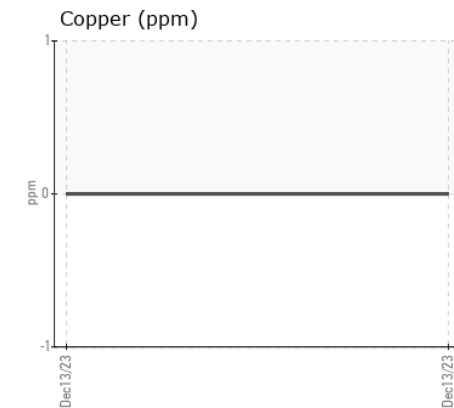
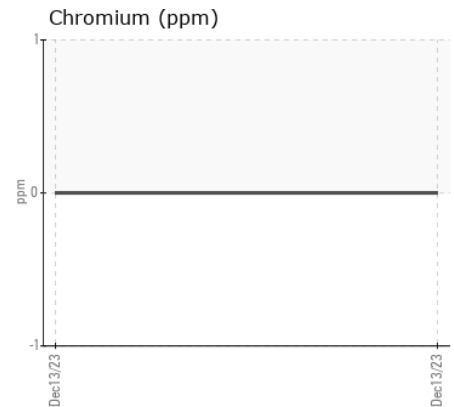
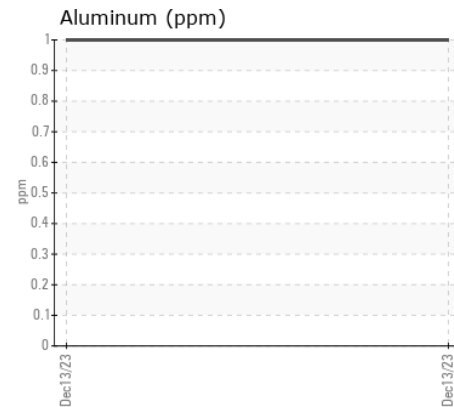
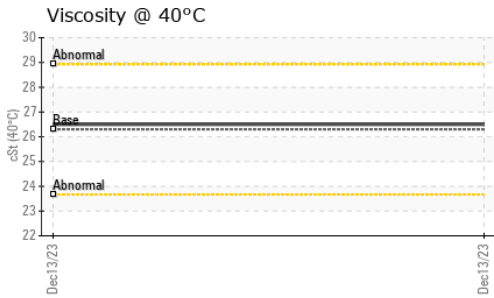
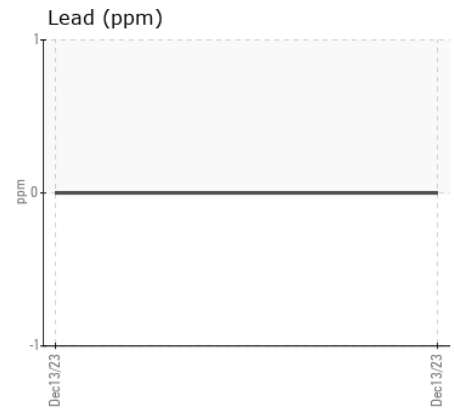
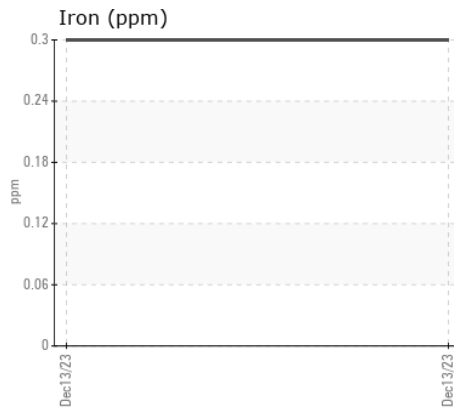
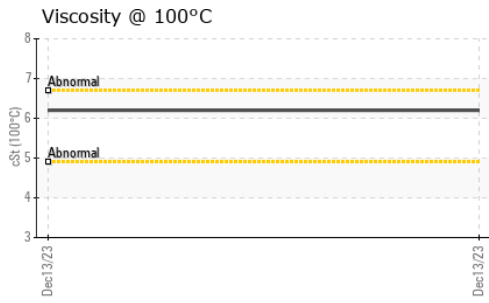
There is no indication of any contamination in the new (unused) oil.

Silicon	ppm	ASTM D5185(m)		6	---	---
Potassium	ppm	ASTM D5185(m)	>20	<1	---	---
Water		WC Method		NEG	---	---
Soot %	%	ASTM D7844*		0	---	---
Nitration	Abs/cm	ASTM D7624*		3.7	---	---
Sulfation	Abs/.1mm	ASTM D7415*		38.6	---	---
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*		NEG	---	---

FLUID CONDITION

The condition of the oil is suitable for service.

Sodium	ppm	ASTM D5185(m)		<1	---	---
Boron	ppm	ASTM D5185(m)	140	129	---	---
Barium	ppm	ASTM D5185(m)	0	0	---	---
Molybdenum	ppm	ASTM D5185(m)	0	0	---	---
Manganese	ppm	ASTM D5185(m)	0	0	---	---
Magnesium	ppm	ASTM D5185(m)	1	1	---	---
Calcium	ppm	ASTM D5185(m)	280	304	---	---
Phosphorus	ppm	ASTM D5185(m)	290	309	---	---
Zinc	ppm	ASTM D5185(m)	0	2	---	---
Sulfur	ppm	ASTM D5185(m)	980	964	---	---
Oxidation	Abs/.1mm	ASTM D7414*		40.5	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	26.3	26.5	---	---
Visc @ 100°C	cSt	ASTM D7279(m)		6.2	---	---
Viscosity Index (VI)	Scale	ASTM D2270*		196	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC **Received** : 20 Dec 2023
Lab Number : 02604406 **Diagnosed** : 17 Jan 2024
Unique Number : 5697491 **Diagnostician** : Bill Quesnel
Test Package : MOB 1 (Additional Tests: FT-IR, ICP-NewOil, KV100, VI)

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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.