MOB I

WEAR CHECK

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ABNORMAL

Machine Id
MITSUBISHI KU601836
Component
Reference Transmission (Auto)
Fluid
MITSUBISHI J4 CVT TRANS FLUID (--- QTS)

RECOMMENDATION

Resample at the next service interval to monitor. Diagnostician`s Note: Sample matches Mitsubishi J4 CVT Transmission Fluid, however, the viscosity was higher than typical for this product (KV40C tested twice, 30.2 and 30.2 cSt each time).

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the fluid.

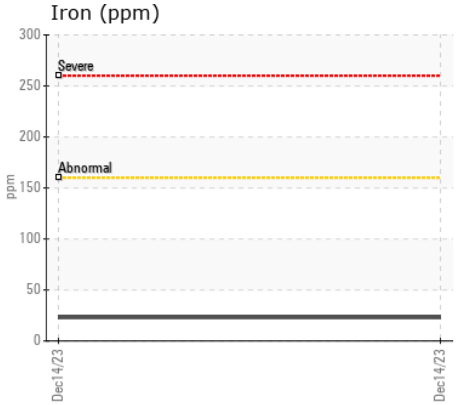
FLUID CONDITION

The viscosity of the fluid is higher than normal, possibly indicating the addition of a heavier grade of fluid. The condition of the fluid is acceptable for the time in service.

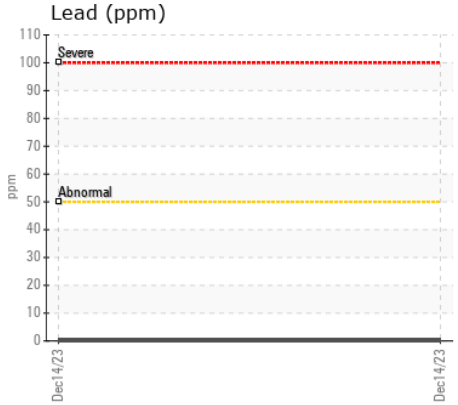
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0889874	---	---
Sample Date		Client Info		14 Dec 2023	---	---
Machine Age	hrs	Client Info		64446	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				ABNORMAL	---	---
Iron	ppm	ASTM D5185(m)	>160	23	---	---
Chromium	ppm	ASTM D5185(m)	>5	0	---	---
Nickel	ppm	ASTM D5185(m)	>5	<1	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)	>5	0	---	---
Aluminum	ppm	ASTM D5185(m)	>50	7	---	---
Lead	ppm	ASTM D5185(m)	>50	<1	---	---
Copper	ppm	ASTM D5185(m)	>225	5	---	---
Tin	ppm	ASTM D5185(m)	>10	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Silicon	ppm	ASTM D5185(m)	>20	10	---	---
Potassium	ppm	ASTM D5185(m)	>20	1	---	---
Water		WC Method	>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	---	---
Sodium	ppm	ASTM D5185(m)		2	---	---
Boron	ppm	ASTM D5185(m)	140	146	---	---
Barium	ppm	ASTM D5185(m)	0	1	---	---
Molybdenum	ppm	ASTM D5185(m)	0	0	---	---
Manganese	ppm	ASTM D5185(m)	0	<1	---	---
Magnesium	ppm	ASTM D5185(m)	1	1	---	---
Calcium	ppm	ASTM D5185(m)	280	238	---	---
Phosphorus	ppm	ASTM D5185(m)	290	414	---	---
Zinc	ppm	ASTM D5185(m)	0	6	---	---
Sulfur	ppm	ASTM D5185(m)	980	705	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	26.3	▲ 30.2	---	---

Viscosity @ 40°C

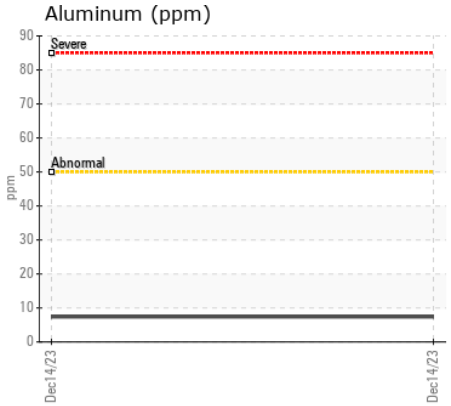
Iron (ppm)



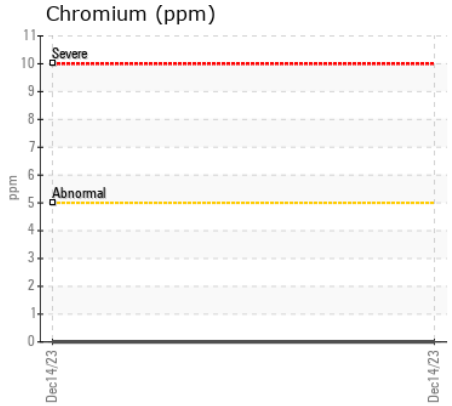
Lead (ppm)



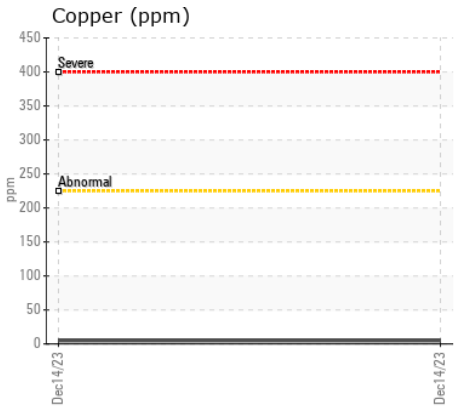
Aluminum (ppm)



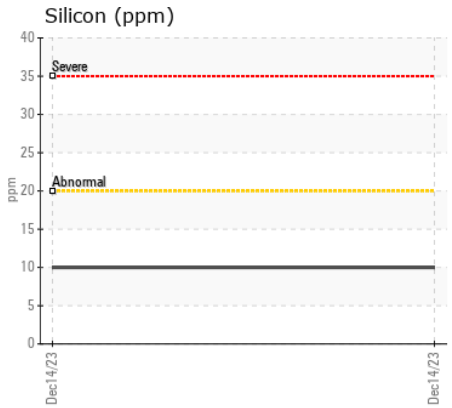
Chromium (ppm)



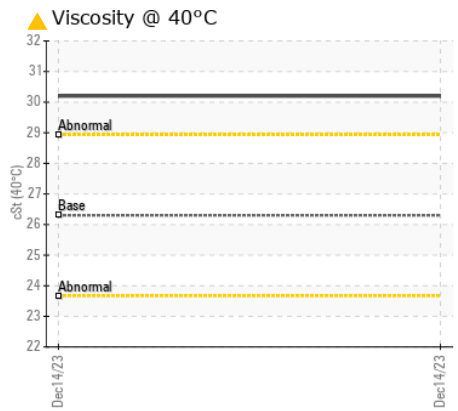
Copper (ppm)



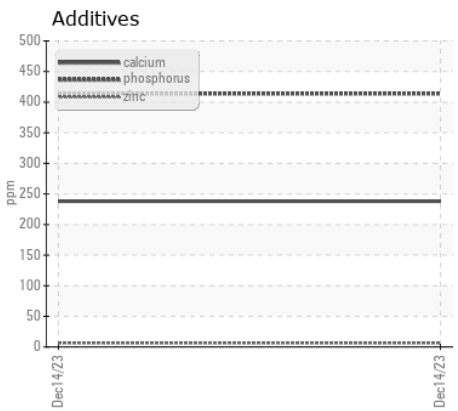
Silicon (ppm)



Viscosity @ 40°C



Additives



ISO 17025:2017 Accredited Laboratory

Laboratory	: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9		
Sample No.	: WC0889874	**Recieved**	: 20 Dec 2023
Lab Number	: 02604447	**Diagnosed**	: 17 Jan 2024
Unique Number	: 5697532	**Diagnostician**	: Bill Quesnel
Test Package	: MOB 1		

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.

DONNELLY MITSUBISHI
492 TERRY FOX DRIVE
KENATA, ON
CA K2T 1L3
Contact: Matt Thibault
mthibault@tdag.ca
T: (613)260-4248
F: