



# OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	MARGINAL
FLUID CONDITION	NORMAL

Machine Id  
**KAWASAKI KZ95Z5-2 227 (S/N 97C5-5471)**  
 Component  
**Transmission (Manual)**  
 Fluid  
**MOBIL MOBILTRANS HD 10W (19 GAL)**

## RECOMMENDATION

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

## WEAR

All component wear rates are normal.

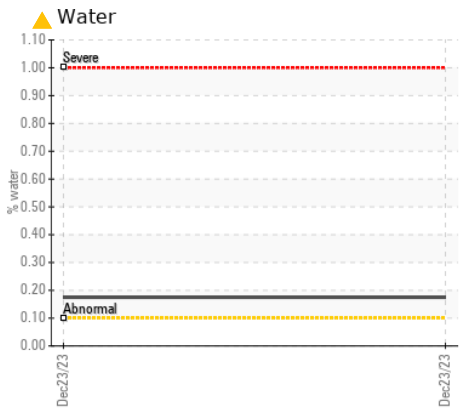
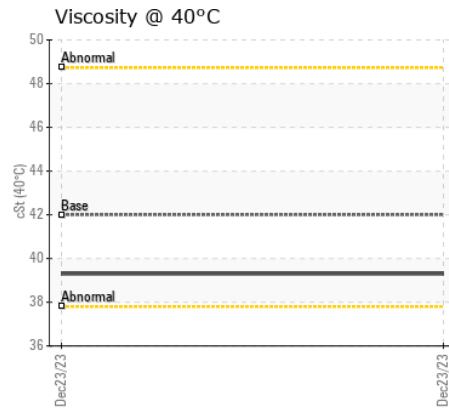
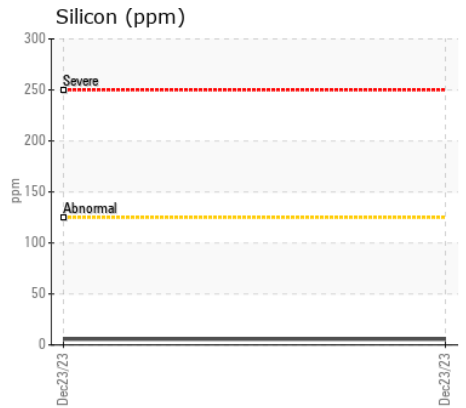
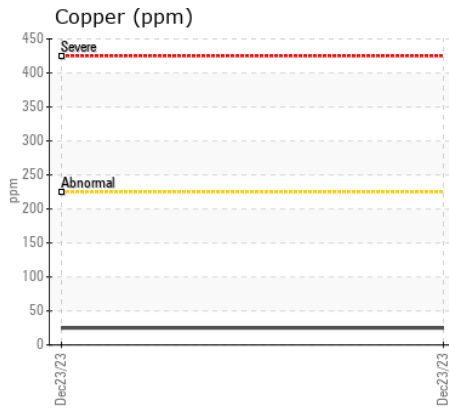
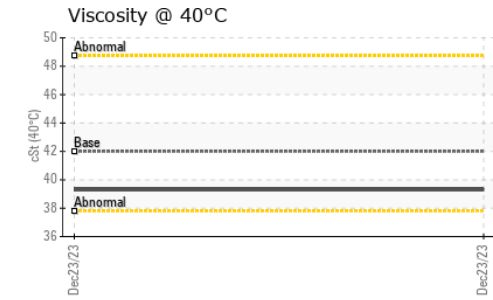
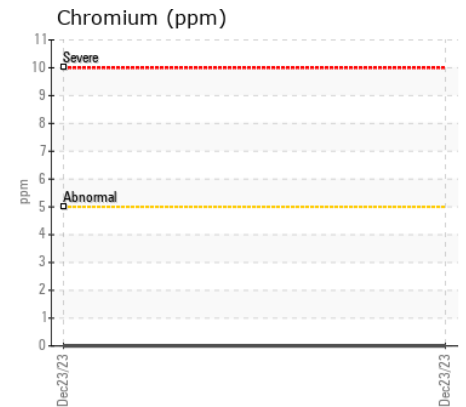
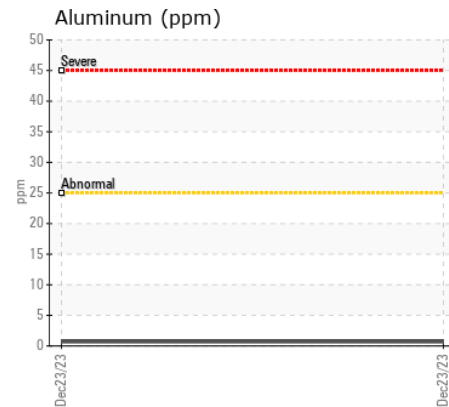
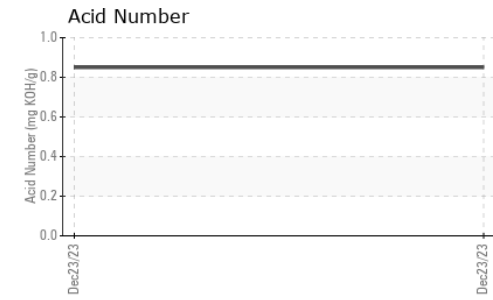
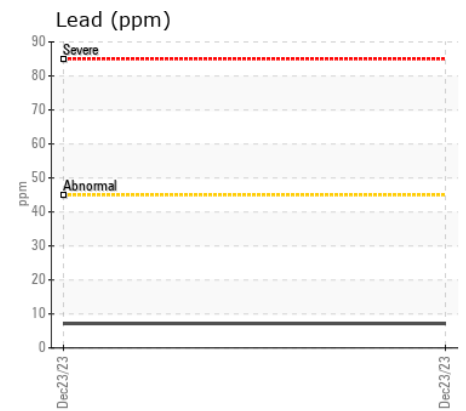
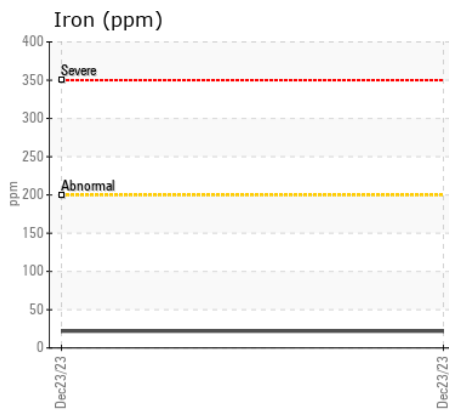
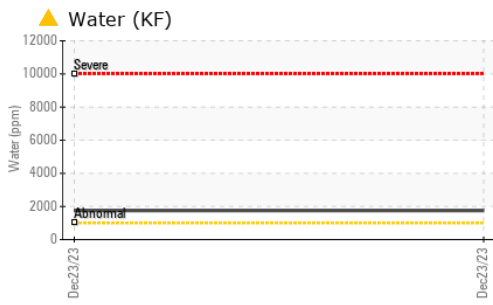
## CONTAMINATION

There is a light concentration of water present in the fluid.

## FLUID CONDITION

The AN level is acceptable for this 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		<b>R006213633</b>	---	---
Sample Date		Client Info		<b>23 Dec 2023</b>	---	---
Machine Age	hrs	Client Info		<b>20922</b>	---	---
Oil Age	hrs	Client Info		<b>1727</b>	---	---
Filter Age	hrs	Client Info		<b>596</b>	---	---
Oil Changed		Client Info		<b>Changed</b>	---	---
Filter Changed		Client Info		<b>Changed</b>	---	---
Sample Status				<b>MARGINAL</b>	---	---
<hr/>						
Iron	ppm	ASTM D5185m	>200	<b>22</b>	---	---
Chromium	ppm	ASTM D5185m	>5	<b>0</b>	---	---
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	---	---
Titanium	ppm	ASTM D5185m		<b>0</b>	---	---
Silver	ppm	ASTM D5185m	>7	<b>0</b>	---	---
Aluminum	ppm	ASTM D5185m	>25	<b>&lt;1</b>	---	---
Lead	ppm	ASTM D5185m	>45	<b>7</b>	---	---
Copper	ppm	ASTM D5185m	>225	<b>25</b>	---	---
Tin	ppm	ASTM D5185m	>10	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	---	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	---	---
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Silicon	ppm	ASTM D5185m	>125	<b>6</b>	---	---
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	---	---
Water	%	ASTM D6304	>0.1	<b>▲ 0.175</b>	---	---
ppm Water	ppm	ASTM D6304	>1000	<b>▲ 1750</b>	---	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	---	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	---	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	---	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	---	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	---	---
Emulsified Water	scalar	*Visual	>0.1	<b>0.2%</b>	---	---
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Sodium	ppm	ASTM D5185m		<b>2</b>	---	---
Boron	ppm	ASTM D5185m		<b>4</b>	---	---
Barium	ppm	ASTM D5185m		<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185m		<b>2</b>	---	---
Manganese	ppm	ASTM D5185m		<b>0</b>	---	---
Magnesium	ppm	ASTM D5185m		<b>21</b>	---	---
Calcium	ppm	ASTM D5185m		<b>3413</b>	---	---
Phosphorus	ppm	ASTM D5185m		<b>896</b>	---	---
Zinc	ppm	ASTM D5185m		<b>1015</b>	---	---
Sulfur	ppm	ASTM D5185m		<b>3662</b>	---	---
Acid Number (AN)	mg KOH/g	ASTM D8045		<b>0.85</b>	---	---
Visc @ 40°C	cSt	ASTM D445	42	<b>39.3</b>	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : RO06213633  
**Lab Number** : 06213633  
**Unique Number** : 11086497  
**Test Package** : MOB 2 ( Additional Tests: KF )

**Received** : 18 Jun 2024  
**Tested** : 20 Jun 2024  
**Diagnosed** : 20 Jun 2024 - Don Baldrige

**BIG 4 INC**  
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 US 75948  
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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)