

OIL ANALYSIS REPORT

## Machine Id KAWASKI 70C5-5056 Component Hydraulic System Fluid TRC HYDRAULIC OIL ISO 32- SAE10W (24 GAL)

## RECOMMENDATION

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample.

V	V	E	Α	R

Moderate concentration of visible metal present. All component wear rates are normal.

## CONTAMINATION

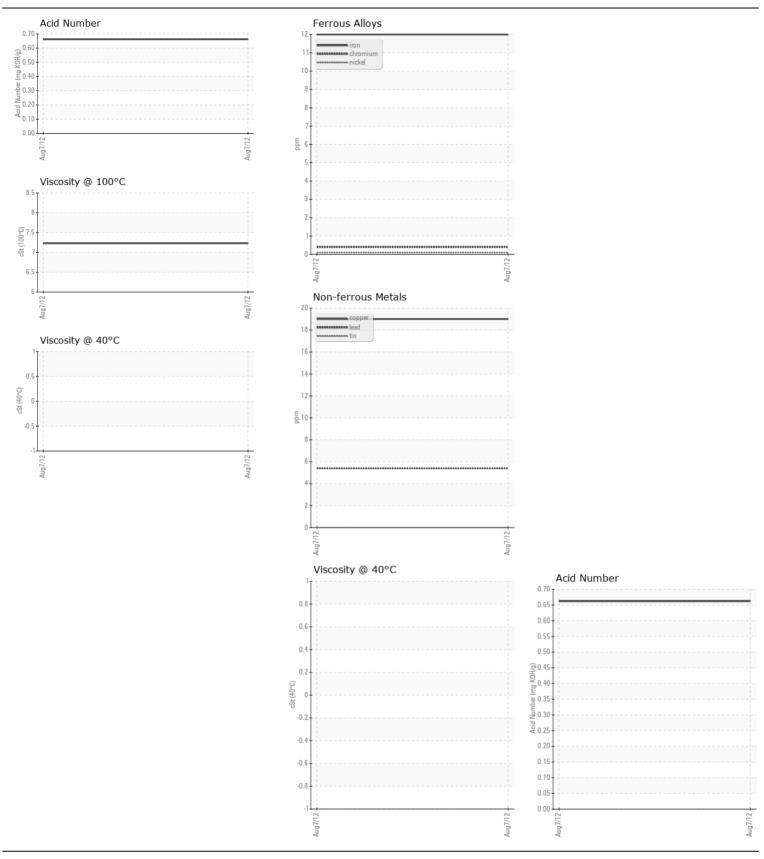
Light concentration of visible dirt/debris present in the oil.

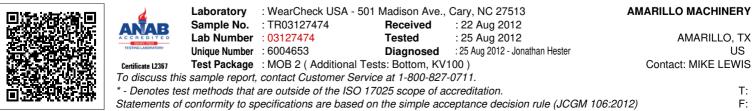
## **FLUID CONDITION**

The condition of the oil is suitable for further service.

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Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		TR03127474		
Sample Date		Client Info		07 Aug 2012		
Machine Age	hrs	Client Info		4232		
Oil Age	hrs	Client Info		0		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Filter Changed		Client Info		Changed		
Sample Status				ABNORMAL		
Iron	ppm	ASTM D5185m		12		
Chromium	ppm	ASTM D5185m		<1		
Nickel	ppm	ASTM D5185m		<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		<1		
Aluminum	ppm	ASTM D5185m		2		
Lead	ppm	ASTM D5185m		5		
Copper	ppm	ASTM D5185m		19		
Tin	ppm	ASTM D5185m		0		
Vanadium	ppm	ASTM D5185m		0		
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	A MODER		
Silicon	ppm	ASTM D5185m		11		
Potassium	ppm	ASTM D5185m		3		
Water	ppm	WC Method		NEG		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE			
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual		NEG		
Sodium	ppm	ASTM D5185m		10		
Boron	ppm	ASTM D5185m		25		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		0		
Calcium	ppm	ASTM D5185m		935		
Phosphorus	ppm	ASTM D5185m		570		
Zinc	ppm	ASTM D5185m		697		
Sulfur	ppm	ASTM D5185m		1871		
Acid Number (AN)	mg KOH/g	ASTM D8045		0.662		
Visc @ 100°C	cSt	ASTM D445		7.23		
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Contact/Location: MIKE LEWIS - AMAAMA





Contact/Location: MIKE LEWIS - AMAAMA Page 2 of 2