

PROBLEM SUMMARY

Area
Kingsville Stamping - 888100
 Machine
RB034
 Component
Hydraulic System
 Fluid
HYDRAULIC 320/ACTIVE DRAW 225 (--- GAL)

Sample Rating Trend

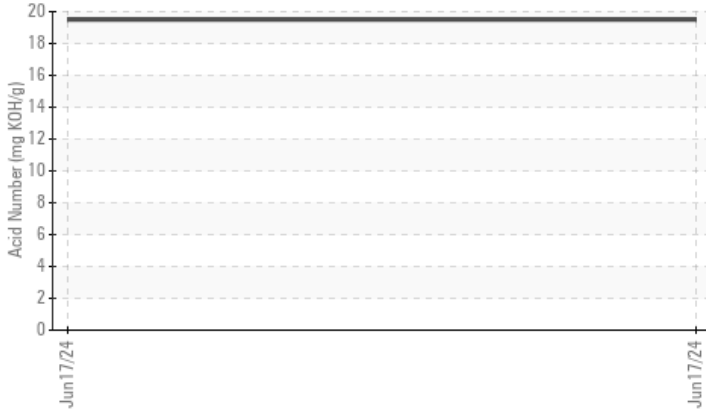


DEGRADATION



COMPONENT CONDITION SUMMARY

▲ Acid Number



▲ Water (KF)



RECOMMENDATION

The sample is very wet. Total Acid Number (TAN) is higher than the recommended level of 2.0

PROBLEMATIC TEST RESULTS

Sample Status				SEVERE	---	---
Water	%	ASTM D6304*	>0.05	▲ 76.38	---	---
ppm Water	ppm	ASTM D6304*	>500	▲ 763849	---	---
Acid Number (AN)	mg KOH/g	ASTM D974*		▲ 19.5	---	---
Appearance	scalar	Visual*	NORML	▲ MILKY	---	---
Emulsified Water	scalar	Visual*	>0.05	▲ 1%	---	---

Customer Id: CHECOB
 Sample No.: E30002439
 Lab Number: 02643520
 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
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 Gloria Gonzalez +1 (289)291-4643 x4643
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RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend



DEGRADATION



Area
Kingsville Stamping - 888100
 Machine ID
RB034
 Component
Hydraulic System
 Fluid
HYDRAULIC 320/ACTIVE DRAW 225 (--- GAL)

DIAGNOSIS

- Recommendation**
The sample is very wet. Total Acid Number (TAN) is higher than the recommended level of 2.0
- Contamination**
Water and ppm water contamination levels are severe.
- Fluid Condition**
Acid Number (AN) is severely high.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Machine ID	Client Info		Press 24 Pit	---	---
Department	Client Info		Sales	---	---
Sample From	Client Info		Machine	---	---
Production Stage	Client Info		Initial	---	---
Sent to WC	Client Info		06/19/2024	---	---
Sample Number	Client Info		E30002439	---	---
Sample Date	Client Info		17 Jun 2024	---	---
Machine Age	hrs	Client Info	0	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed		Client Info	N/A	---	---
Sample Status			SEVERE	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >20	11	---	---
Chromium	ppm	ASTM D5185(m) >20	0	---	---
Nickel	ppm	ASTM D5185(m) >20	<1	---	---
Titanium	ppm	ASTM D5185(m)	0	---	---
Silver	ppm	ASTM D5185(m)	0	---	---
Aluminum	ppm	ASTM D5185(m) >20	<1	---	---
Lead	ppm	ASTM D5185(m) >20	1	---	---
Copper	ppm	ASTM D5185(m) >20	2	---	---
Tin	ppm	ASTM D5185(m) >20	0	---	---
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)	13	---	---
Barium	ppm	ASTM D5185(m)	<1	---	---
Molybdenum	ppm	ASTM D5185(m)	0	---	---
Manganese	ppm	ASTM D5185(m)	<1	---	---
Magnesium	ppm	ASTM D5185(m)	<1	---	---
Calcium	ppm	ASTM D5185(m)	7	---	---
Phosphorus	ppm	ASTM D5185(m)	30	---	---
Zinc	ppm	ASTM D5185(m)	12	---	---
Sulfur	ppm	ASTM D5185(m)	36	---	---
Lithium	ppm	ASTM D5185(m)	<1	---	---

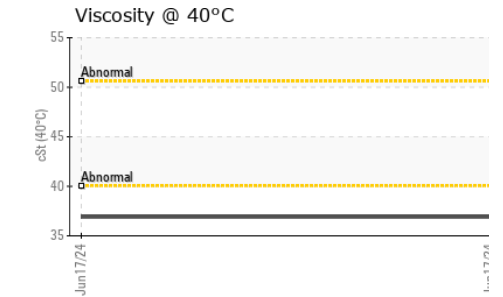
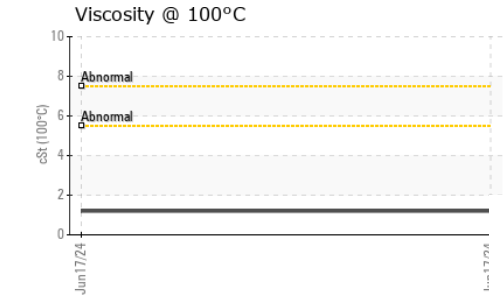
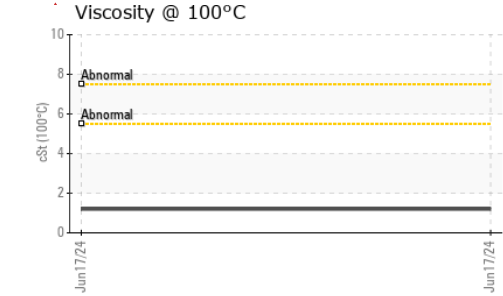
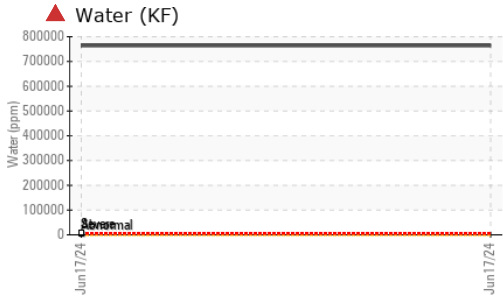
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >15	<1	---	---
Sodium	ppm	ASTM D5185(m)	4	---	---
Potassium	ppm	ASTM D5185(m) >20	<1	---	---
Water	%	ASTM D6304* >0.05	▲ 76.38	---	---
ppm Water	ppm	ASTM D6304* >500	▲ 763849	---	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	▲ 19.5	---	---

OIL ANALYSIS REPORT



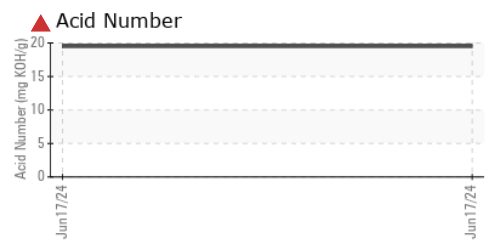
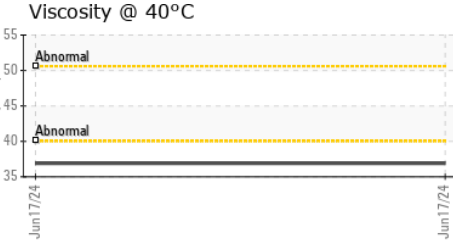
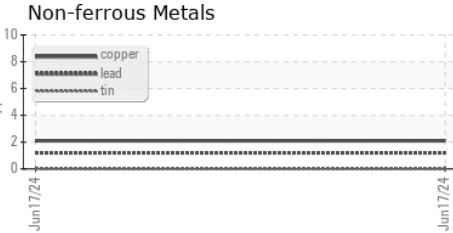
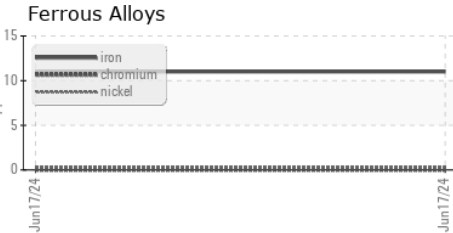
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Precipitate	scalar	Visual*	NONE	NONE	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	VLITE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	▲ MILKY	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>0.05	▲ 1%	---	---
Free Water	scalar	Visual*		NEG	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	36.9	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	1.2	---	---

SAMPLE IMAGES

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

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : E30002439 **Received** : 21 Jun 2024
Lab Number : **02643520** **Tested** : 26 Jun 2024
Unique Number : 5801059 **Diagnosed** : 26 Jun 2024 - Tatiana Sorkina
Test Package : IND 2 (Additional Tests: KF, KV100, TAN Man, VI)

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To discuss this sample report, contact Customer Service at 1-905-372-2251.
 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.