

PROBLEM SUMMARY

Area
DuBois - 888058
 Machine Id
A2310134
 Component
Quench Oil
 Fluid
NOT GIVEN (--- GAL)

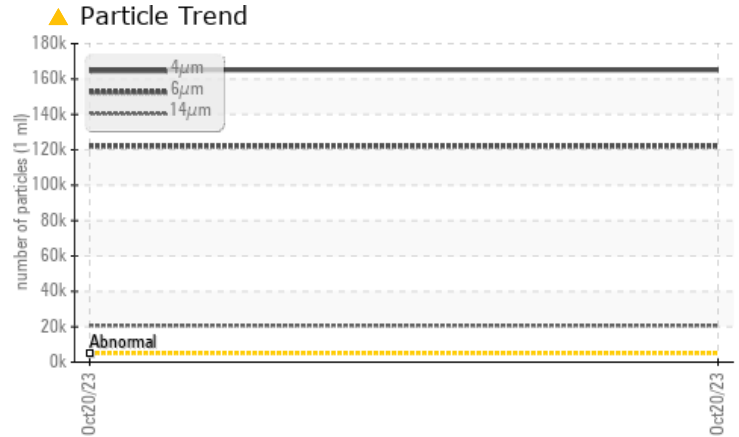
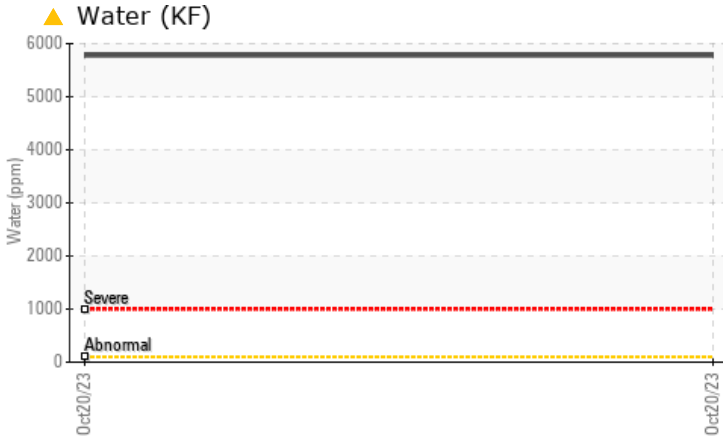
Sample Rating Trend



WATER



COMPONENT CONDITION SUMMARY



RECOMMENDATION

This is a baseline read-out on the submitted sample.

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	---	---
Water	%	ASTM D6304*		▲ 0.577	---	---
ppm Water	ppm	ASTM D6304*		▲ 5778.7	---	---
Particles >4µm		ASTM D7647	>5000	▲ 165113	---	---
Particles >6µm		ASTM D7647	>1300	▲ 122105	---	---
Particles >14µm		ASTM D7647	>160	▲ 20688	---	---
Particles >21µm		ASTM D7647	>40	▲ 3256	---	---
Particles >38µm		ASTM D7647	>10	▲ 63	---	---
Oil Cleanliness		ISO 4406 (c)	>19/17/14	▲ 25/24/22	---	---
Appearance	scalar	Visual*	NORML	▲ WGOIL	---	---
Emulsified Water	scalar	Visual*		▲ .5%	---	---
Free Water	scalar	Visual*		▲ 1%	---	---

Customer Id: CHECOB
 Sample No.: E30000585
 Lab Number: 02591390
 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Tatiana Sorkina +1 (800)263-3939
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To change component or sample information:
 Gloria Gonzalez +1 (289)291-4643 x4643
gloria.gonzalez@wearcheck.com

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

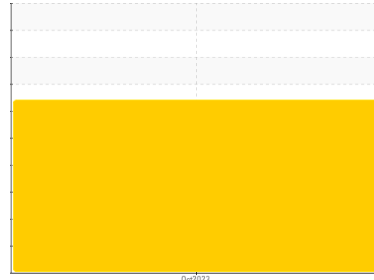
HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend

WATER



Area
DuBois - 888058
 Machine Id
A2310134
 Component
Quench Oil
 Fluid
NOT GIVEN (--- GAL)

DIAGNOSIS

▲ Recommendation

This is a baseline read-out on the submitted sample.

Wear

{not applicable}

▲ Contamination

ppm Water contamination levels are abnormally high. Water contamination levels are abnormally high. Water contamination levels are abnormally high.. Particles >6µm are abnormally high. Oil Cleanliness are abnormally high. Particles >14µm are abnormally high. Particles >21 µm are abnormally high. Particles >4µm are abnormally high. Particles >38µm are abnormally high.

Fluid Condition

{not applicable}

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Batch #	Client Info		A2310134	---	---
Machine ID	Client Info		Sales	---	---
Department	Client Info		Machine	---	---
Sample From	Client Info		Initial	---	---
Production Stage	Client Info		10/23/2023	---	---
Sample Number	Client Info		E30000585	---	---
Sample Date	Client Info		20 Oct 2023	---	---
Machine Age	hrs	Client Info	0	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			ABNORMAL	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	2	---	---
Chromium	ppm	ASTM D5185(m)	0	---	---
Nickel	ppm	ASTM D5185(m)	<1	---	---
Titanium	ppm	ASTM D5185(m)	0	---	---
Silver	ppm	ASTM D5185(m)	<1	---	---
Aluminum	ppm	ASTM D5185(m)	<1	---	---
Lead	ppm	ASTM D5185(m)	<1	---	---
Copper	ppm	ASTM D5185(m)	<1	---	---
Tin	ppm	ASTM D5185(m)	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	---	---

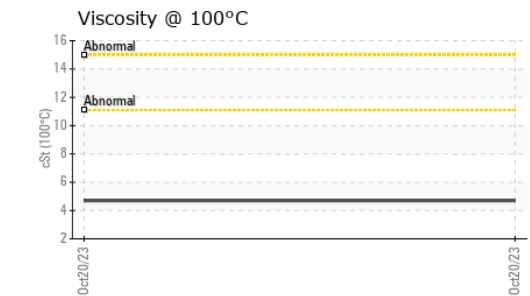
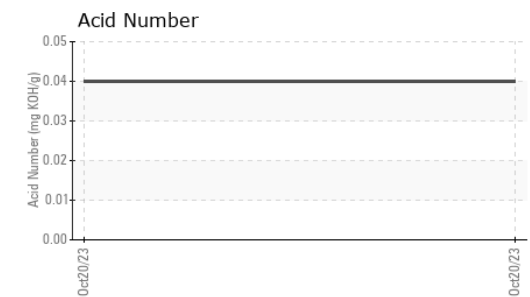
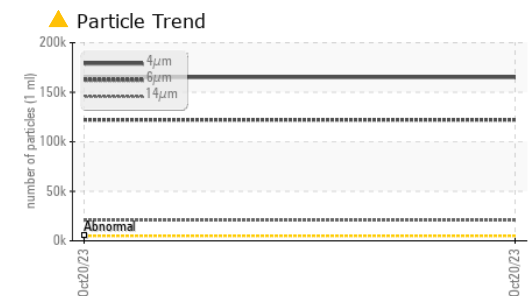
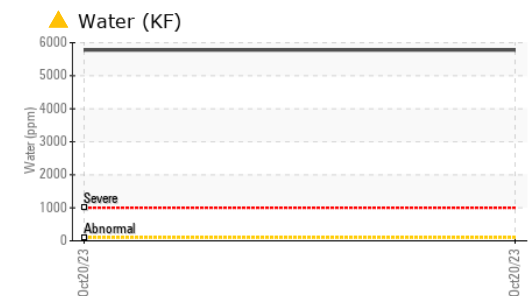
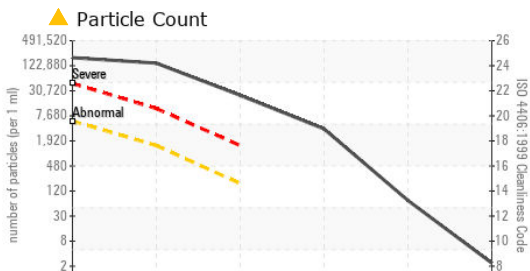
ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	<1	---	---
Barium	ppm	ASTM D5185(m)	0	---	---
Molybdenum	ppm	ASTM D5185(m)	0	---	---
Manganese	ppm	ASTM D5185(m)	0	---	---
Magnesium	ppm	ASTM D5185(m)	0	---	---
Calcium	ppm	ASTM D5185(m)	<1	---	---
Phosphorus	ppm	ASTM D5185(m)	2	---	---
Zinc	ppm	ASTM D5185(m)	<1	---	---
Sulfur	ppm	ASTM D5185(m)	71	---	---
Lithium	ppm	ASTM D5185(m)	<1	---	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	3	---	---
Sodium	ppm	ASTM D5185(m)	1	---	---
Potassium	ppm	ASTM D5185(m) >20	<1	---	---
Water	%	ASTM D6304*	▲ 0.577	---	---
ppm Water	ppm	ASTM D6304*	▲ 5778.7	---	---

OIL ANALYSIS REPORT



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : E30000585
Lab Number : 02591390
Unique Number : 5668469
Test Package : IND 2 (Additional Tests: KF, KV100, PrtCount, TAN Man, VI)

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.

FLUID CLEANLINESS	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>5000	▲ 165113	---	---
Particles >6µm	ASTM D7647	>1300	▲ 122105	---	---
Particles >14µm	ASTM D7647	>160	▲ 20688	---	---
Particles >21µm	ASTM D7647	>40	▲ 3256	---	---
Particles >38µm	ASTM D7647	>10	▲ 63	---	---
Particles >71µm	ASTM D7647	>3	2	---	---
Oil Cleanliness	ISO 4406 (c)	>19/17/14	▲ 25/24/22	---	---

FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g	ASTM D974*	0.04	---	---

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	VLITE	---	---
Debris	scalar Visual*	NONE	NONE	---	---
Sand/Dirt	scalar Visual*	NONE	NONE	---	---
Appearance	scalar Visual*	NORML	▲ WGOIL	---	---
Odor	scalar Visual*	NORML	NORML	---	---
Emulsified Water	scalar Visual*	▲ .5%	---	---	
Free Water	scalar Visual*	▲ 1%	---	---	

FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D7279(m)	26.3	---	---
Visc @ 100°C	cSt ASTM D7279(m)	4.7	---	---
Viscosity Index (VI)	Scale ASTM D2270*	92	---	---

SAMPLE IMAGES

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