

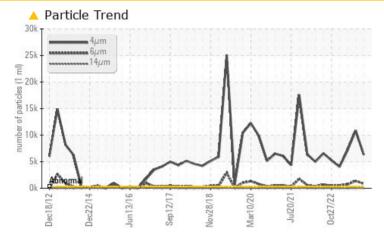
PROBLEM SUMMARY

Area Morony Machine Id MRN01 Governor Oil Component

Reservoir Governor System

CONOCO MULTIPURPOSE R&O OIL ISO 68 (1300 GAL)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS Sample Status ABNORMAL ABNORMAL ABNORMAL Particles >4µm ASTM D7647 >320 6320 **10847** ▲ 7187 Particles >6µm ASTM D7647 >80 842 **1**389 ▲ 750 13 Particles >14µm ASTM D7647 >20 34 **A** 39 Particles >21µm ASTM D7647 >4 **11** 2 **Oil Cleanliness** ISO 4406 (c) >15/13/11 🔺 20/17/12 🔺 21/18/12 🔺 20/17/11

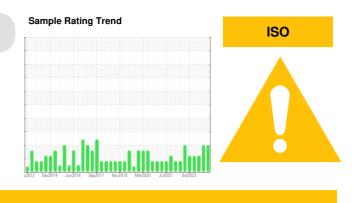
Customer Id: PPLBUT Sample No.: WC0757842 Lab Number: 05994327 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Don Baldridge +1 <u>don.b505@comcast.net</u>

To change component or sample information: Customer Service +1 1-800-237-1369 <u>customerservice@wearcheck.com</u>



RECOMMENDED ACTIONS							
Action	Status	Date	Done By	Description			
Change Filter			?	We recommend you service the filters on this component.			

HISTORICAL DIAGNOSIS



15 Jul 2023 Diag: Angela Borella

We recommend you service the filters on this component. Resample at the next service interval to monitor.All component wear rates are normal. There is a high amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

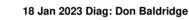


view report

01 May 2023 Diag: Don Baldridge



No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. There is a high amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. There is a high amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.







OIL ANALYSIS REPORT

Area Morony Machine Id MRN01 Governor Oil Component

Reservoir Governor System

CONOCO MULTIPURPOSE R&O OIL ISO 68 (1300 GAL)

DIAGNOSIS

Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is a high amount of particulates present in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Level Local Andread Sector Revents Andread Sector S

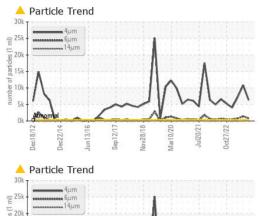
ISO

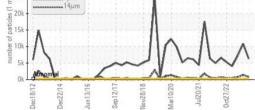
Sample Rating Trend

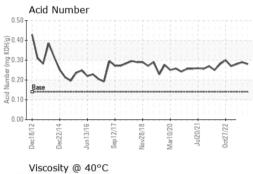
SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number		Client Info		WC0757842	WC0715262	WC0757811
Sample Date		Client Info		17 Oct 2023	15 Jul 2023	01 May 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	1	2	<1
Chromium	ppm	ASTM D5185m	>10	<1	0	0
Nickel	ppm	ASTM D5185m	>10	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>3	<1	0	0
Lead	ppm	ASTM D5185m	>75	1	1	<1
Copper	ppm	ASTM D5185m		4	4	3
Tin	ppm	ASTM D5185m	>55	<1	<1	<1
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
	ррш		the tribute of a			
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		20	2	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m		0	<1	0
Calcium	ppm	ASTM D5185m		0	<1	0
Phosphorus	ppm	ASTM D5185m		69	34	32
Zinc	ppm	ASTM D5185m		33	18	15
Sulfur	ppm	ASTM D5185m		1059	925	927
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>8	<1	0	0
Sodium	ppm	ASTM D5185m		3	0	0
Potassium	ppm	ASTM D5185m	>20	0	0	<1
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>320	6320	▲ 10847	A 7187
Particles >6µm		ASTM D7647	>80	<u> </u>	1 389	<u> </u>
Particles >14µm		ASTM D7647	>20	4 34	A 39	13
Particles >21µm		ASTM D7647	>4	🔺 11	<u> </u>	2
Particles >38µm		ASTM D7647	>3	1	0	0
Particles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>15/13/11	<u> </u>	▲ 21/18/12	▲ 20/17/11
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.14	0.28	0.29	0.28

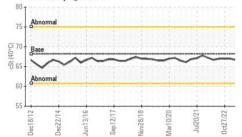


OIL ANALYSIS REPORT



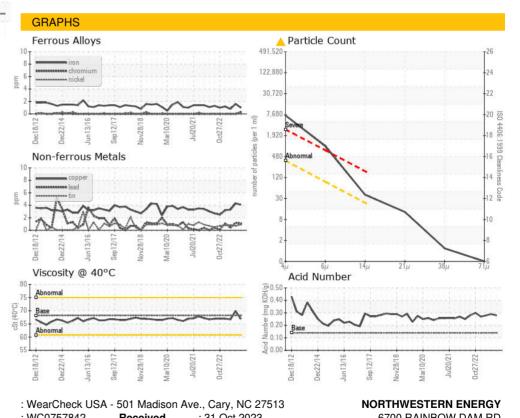


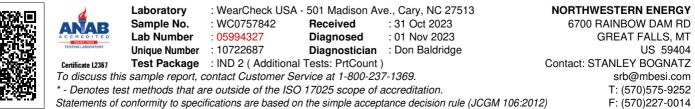




VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	68.2	66.9	69.9	66.7
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						
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Contact/Location: STANLEY BOGNATZ - PPLBUT