

PROBLEM SUMMARY

Area Ryan Machine Id RYN02 Governor Oil

Component Reservoir Governor System Fluid CONOCO HYDRAULIC AW ISO 46 (35 GAL)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS							
Sample Status			ATTENTION	ABNORMAL	ABNORMAL		
Particles >4µm	ASTM D7647	>320	<u> </u>	4 100	A 8740		
Particles >6µm	ASTM D7647	>80	4 94	A 354	1 01		
Oil Cleanliness	ISO 4406 (c)	>15/13/11	<u> </u>	▲ 19/16/12	2 0/14/10		

Customer Id: PPLBUT Sample No.: WC0757838 Lab Number: 05994332 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

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

15 Jul 2023 Diag: Angela Borella



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.



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.





18 Jan 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.





OIL ANALYSIS REPORT

Area **Ryan** Machine Id **RYN02 Governor Oil** Component

Reservoir Governor System

CONOCO HYDRAULIC AW ISO 46 (35 GAL)

DIAGNOSIS

A Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is a moderate amount of silt (particulates < 14 microns in size) present in the oil.

Fluid Condition

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

ISO

Sample Rating Trend

SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0757838	WC0757799	WC0757815
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				ATTENTION	ABNORMAL	ABNORMAL
oumpio otatao	_				, IBROTHIN LE	, BITOT III / LE
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	13	13	13
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	maa	ASTM D5185m	>75	0	0	<1
Copper	ppm	ASTM D5185m	>15	<1	<1	<1
Tin	ppm	ASTM D5185m	>55	دا د1	0	0
Vanadium	nnm	ASTM D5185m		0	0	0
Cadmium	nnm	ASTM D5185m		0	0	0
Cadinidini	ррш	AOTIVI DOTODIII		v	0	U
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		<1	<1	<1
Magnesium	ppm	ASTM D5185m		0	<1	0
Calcium	ppm	ASTM D5185m		41	46	46
Phosphorus	ppm	ASTM D5185m		320	308	302
Zinc	ppm	ASTM D5185m	3100	377	406	405
Sulfur	ppm	ASTM D5185m		901	819	779
CONTAMINANTS		method	limit/base	current	history1	historv2
Silicon	nnm	ACTM DE105m	. 0	-1	0	0
Silicon	ppm	AGTM D5105m	>0	<1	0	0
Botopoium	ppm	ACTM D5105m	× 20	2	0	-1
Folassium	ррпі	ASTIVI DOTODITI	>20	U	0	<
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>320	<u> </u>	4 100	A 8740
Particles >6µm		ASTM D7647	>80	<u> </u>	▲ 354	<u> </u>
Particles >14µm		ASTM D7647	>20	11	2 6	6
Particles >21µm		ASTM D7647	>4	2	<u> </u>	1
Particles >38µm		ASTM D7647	>3	0	0	0
Particles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>15/13/11	16/14/11	▲ 19/16/12	▲ 20/14/10
		mothed	limit/baca	ourroot	history	history
PLUID DEGRADA	NUN	method	innit/base	current	riistory i	nistory2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.4	0.31	0.34	0.33



Sep24/14 Mar3/16

Acid Number

Sep24/14

Mar3/16

Mar2/16

Feb27/

0.70

(B/H0) 0.50 E 0.40 Bas

- 은 0.30 Wind Num 0.20

0.00

70 65

60

cSt (40°C)

45

40

31

Feb27/13

Feb27/

OIL ANALYSIS REPORT



/av3/1

Mar10/20

Aug28/11

Jct27/22

	method	limit/base	current	history1	history2
scalar	*Visual	NONE	NONE	NONE	NONE
scalar	*Visual	NONE	NONE	NONE	NONE
scalar	*Visual	NONE	NONE	NONE	NONE
scalar	*Visual	NONE	NONE	NONE	NONE
scalar	*Visual	NONE	NONE	NONE	NONE
scalar	*Visual	NONE	NONE	NONE	NONE
scalar	*Visual	NORML	NORML	NORML	NORML
scalar	*Visual	NORML	NORML	NORML	NORML
scalar	*Visual	>0.1	NEG	NEG	NEG
scalar	*Visual		NEG	NEG	NEG
IES	method	limit/base	current	history1	history2
cSt	ASTM D445	46	45.9	45.4	45.1
;	method	limit/base	current	history1	history2
			* ********		
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GRAPHS



Contact/Location: STANLEY BOGNATZ - PPLBUT