

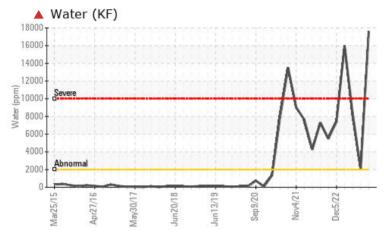
PROBLEM SUMMARY

PHILADELPHIA CHARLIE POLY AGITATOR (C)

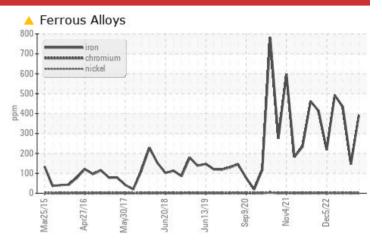
Gearbox

ROYAL PURPLE SYNERGY 90/150 (15 GAL)

COMPONENT CONDITION SUMMARY







RECOMMENDATION

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS Sample Status SEVERE ABNORMAL SEVERE ASTM D5185m >200 392 146 ▲ 434 Iron ppm Water % ASTM D6304 >0.2 **1.76** A 0.201 ▲ 0.835 ASTM D6304 >2000 ppm Water ppm **17600** 2010 ▲ 8350 **Emulsified Water** scalar *Visual >0.2 **0.2%** 0.2% ▲ 0.2% Free Water scalar *Visual **>10%** NEG NEG

Customer Id: OXYDEE Sample No.: RP0035955 Lab Number: 06139323 Test Package: IND 2



To manage this report scan the QR code

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

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 Fluid			?	We recommend that you drain the oil from the component if this has not already been done.					
Water Drain-off			?	We advise that you follow the water drain-off procedure for this component, and use off-line filtration to improve the cleanliness of the system fluid.					
Resample			?	We recommend an early resample to monitor this condition.					
Check Water Access			?	We advise that you check for the source of water entry.					

HISTORICAL DIAGNOSIS

02 Jan 2024 Diag: Jonathan Hester

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 light concentration of water present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



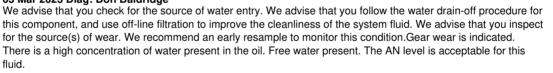
view report

03 Oct 2023 Diag: Don Baldridge



WEAR

03 Mar 2023 Diag: Don Baldridge







OIL ANALYSIS REPORT

Sample Rating Trend

....................

WATER

Machine Id

PHILADELPHIA CHARLIE POLY AGITATOR (C) Component Gearbox

Fluid

ROYAL PURPLE SYNERGY 90/150 (15 GAL)

DIAGNOSIS

Recommendation

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.

A Wear

Gear wear is indicated.

Contamination

There is a high concentration of water present in the oil. Excessive free water present.

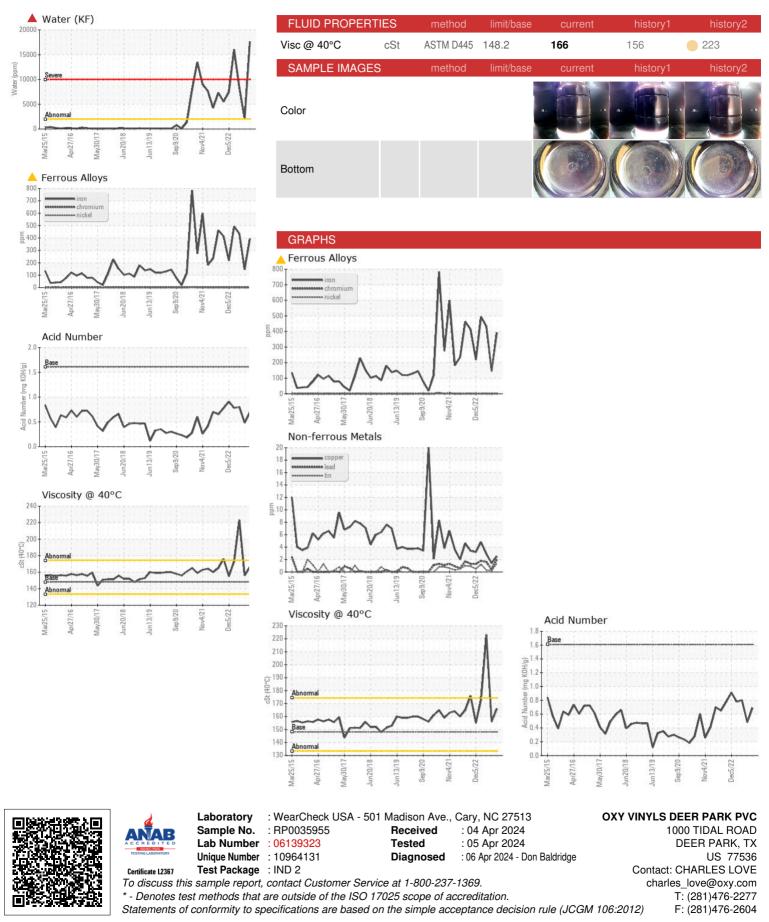
Fluid Condition

The AN level is acceptable for this fluid. The oil is no longer serviceable due to the presence of contaminants.

Sample Number Client Info P0035955 P0035955 P00032895 P00032895 Sample Date Client Info 0 0 0 0 Oil Age hrs Client Info 0 0 0 Oil Age hrs Client Info N/A N/A N/A Sample Status Image Client Info N/A N/A N/A WEAR METALS method Imit/base current hstory hstory Iron ppm ASTM 05155m >200 A 392 146 434 Chromium ppm ASTM 05155m >15 1 -1 -1 Silver ppm ASTM 05155m >10 2 -1 -1 Clead ppm ASTM 05155m >200 2 1 3 -1 Vanadium ppm ASTM 05155m >20 0 0 0 -1 Vanadium ppm ASTM 05155m 2 1 -1	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 0 0 0 Oil Age hrs Client Info N/A N/A N/A Sample Status I SEVERE ABNORMAL SEVERE WEAR METALS method Imit/bass current history1 history2 Iron ppm ASTM D5185m >200 A 392 146 434 Chromium ppm ASTM D5185m >1 -1 1 1 Nickel ppm ASTM D5185m >20 2 -1 -1 1 -1	Sample Number		Client Info		RP0035955	RP0035834	RP0032866
Machine Age hrs Client Info 0 0 0 Oil Change Client Info N/A N/A N/A Sample Status I Into N/A N/A N/A Sample Status nethod Init/base current Hatoryl Historyl WEAR METALS method Init/base current Hatoryl Historyl Iron ppm ASTM DSIS5n >200 A 392 146 A Nickel ppm ASTM DSIS5n >15 1 <1	Sample Date		Client Info		26 Mar 2024	02 Jan 2024	03 Oct 2023
Oli Changed Sample Status Client Ind Intervention N/A N/A N/A N/A Sample Status Intervention SEVERE ABNORMAL SEVERE WEAR METALS method Innit/base current history1 Nistory2 Iron ppm ASTM D5185m >15 1 <1 1 Chromium ppm ASTM D5185m >15 2 <1 <1 Nickel ppm ASTM D5185m >15 2 <1 <1 Intanium ppm ASTM D5185m >255 3 2 2 Lead ppm ASTM D5185m >255 1 <1 <1 Vanadium ppm ASTM D5185m >25 1 <1 <1 Vanadium ppm ASTM D5185m 0 0 0 0 Astm D5185m 0 0 0 0 0 0 Astm D5185m 1 <1 1 2 0 0	Machine Age	hrs	Client Info		0	0	0
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	Emulsified Water	scalar	*Visual	>0.2	0.2%		
	Free Water	scalar	*Visual		A >10%	n: GHARLES L	OVENEXYDEE



OIL ANALYSIS REPORT



Contact/Location: CHARLES LOVE - OXYDEE