

PROBLEM SUMMARY

Sample Rating Trend



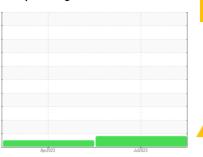
Area 4 CRDUE Machine Id

[4 CRDUE] 4CRU-Z-0001 - ROYAL PURPLE 100 NO DYE

Component

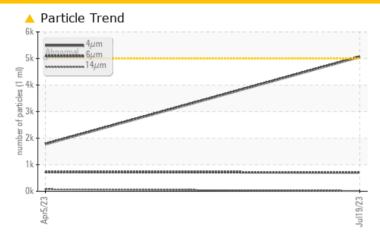
New (Unused) Oil

{not provided} (--- QTS)





COMPONENT CONDITION SUMMARY



RECOMMENDATION

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

PROBLEMATIC TEST RESULTS										
Sample Status			ATTENTION	NORMAL						
Particles >4µm	ASTM D7647	>5000	<u> </u>	1773						
Oil Cleanliness	ISO 4406 (c)	>19/17/14	20/17/11	18/17/13						

Customer Id: CALSHR Sample No.: RP0034817 Lab Number: 05904717 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Doug Bogart +1 (800)237-1369 x4016 dougb@wearcheckusa.com

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

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

05 Apr 2023 Diag: Jonathan Hester

NORMAL



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





OIL ANALYSIS REPORT

Sample Rating Trend

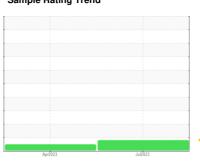
ISO

4 CRDUE

[4 CRDUE] 4CRU-Z-0001 - ROYAL PURPLE 100 NO DYE

New (Unused) Oil

{not provided} (--- QTS)





DIAGNOSIS

Recommendation

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

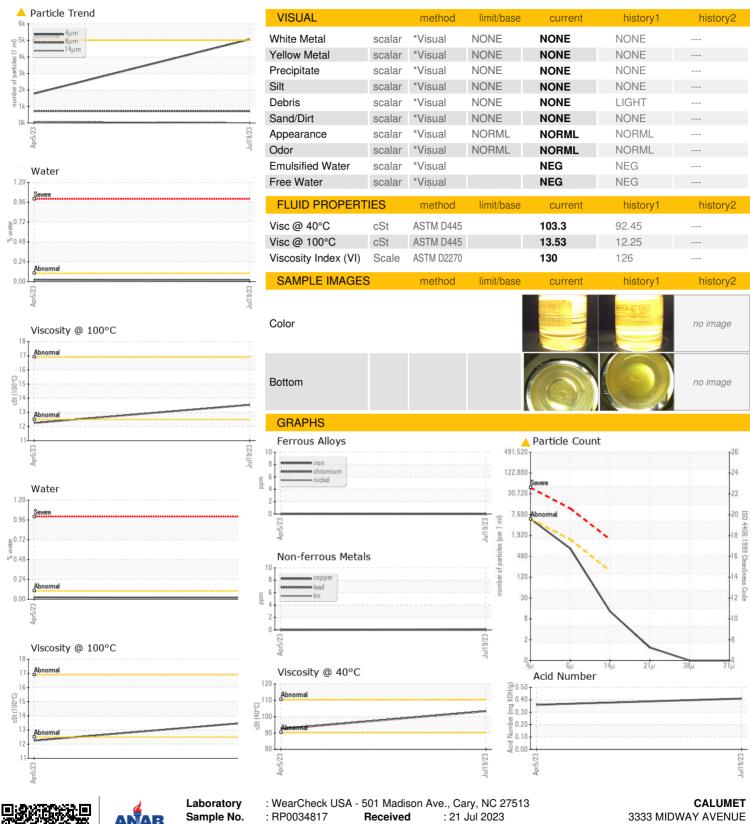
Contamination

There is a high amount of silt (particulates < 6 microns in size) present in the oil.

			Apr2023	Jul2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		RP0034817	RP0031666	
Sample Date		Client Info		19 Jul 2023	05 Apr 2023	
Machine Age	hrs	Client Info		0	0	
Oil Age	hrs	Client Info		0	0	
Oil Changed		Client Info		Not Changd	N/A	
Sample Status				ATTENTION	NORMAL	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>5	0	0	
Chromium	ppm	ASTM D5185m	>5	0	0	
Nickel	ppm	ASTM D5185m	>5	0	0	
Titanium	ppm	ASTM D5185m		<1	0	
Silver	ppm	ASTM D5185m	>5	0	0	
Aluminum	ppm	ASTM D5185m	>5	<1	<1	
Lead	ppm	ASTM D5185m	>5	0	0	
Copper	ppm	ASTM D5185m	>5	<1	0	
Tin	ppm	ASTM D5185m	>5	0	0	
Vanadium	ppm	ASTM D5185m		<1	0	
Cadmium	ppm	ASTM D5185m		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	
Barium	ppm	ASTM D5185m		0	0	
Molybdenum	ppm	ASTM D5185m		<1	0	
Manganese	ppm	ASTM D5185m		<1	<1	
Magnesium	ppm	ASTM D5185m		95	64	
Calcium	ppm	ASTM D5185m		5	<1	
Phosphorus	ppm	ASTM D5185m		1	141	
Zinc	ppm	ASTM D5185m		0	22	
CONTAMINANTS)	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	2	2	
Sodium	ppm	ASTM D5185m		1	<1	
Potassium	ppm	ASTM D5185m	>20	0	0	
Water	%	ASTM D6304		0.018	0.023	
ppm Water	ppm	ASTM D6304		186.7	238.2	
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4μm		ASTM D7647	>5000	△ 5059	1773	
Particles >6µm		ASTM D7647	>1300	709	723	
Particles >14µm		ASTM D7647	>160	11	73	
Particles >21µm		ASTM D7647	>40	1	5	
Particles >38μm		ASTM D7647	>10	0	1	
Particles >71μm		ASTM D7647	>3	0	1	
Oil Cleanliness		ISO 4406 (c)	>19/17/14	<u>^</u> 20/17/11	18/17/13	
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.41	0.36	



OIL ANALYSIS REPORT





Certificate L2367

Lab Number **Unique Number**

: 05904717

: 10566073

Diagnosed : 02 Aug 2023 Diagnostician : Doug Bogart Test Package : IND 2 (Additional Tests: FT-IR, KV100, PrtCount, VI)

SHREVEPORT, LA US 71109 Contact: NICHOLAS LESAGE nicholas.lesage@clmt.com

To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

T: F: