

PROBLEM SUMMARY

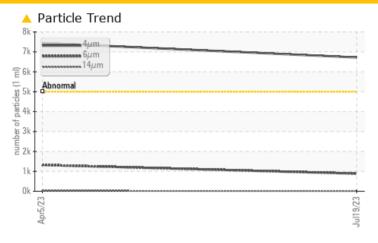
Sample Rating Trend ISO

CDW
Machine Id
[CDW] CDW-Z-U0001 - 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	ATTENTION	
Particles >4µm	ASTM D7647	>5000	<u> </u>	<u>^</u> 7445	
Oil Cleanliness	ISO 4406 (c)	>19/17/14	<u>^</u> 20/17/11	20/18/12	

Customer Id: CALSHR
Sample No.: RP0034820
Lab Number: 05904715
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

ISO



This is a baseline read-out on the submitted sample. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil.



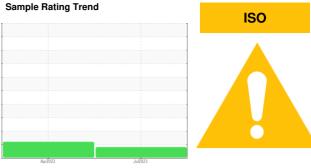


OIL ANALYSIS REPORT



New (Unused) Oil

{not provided} (--- QTS)



DIAGNOSIS

Recommendation

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

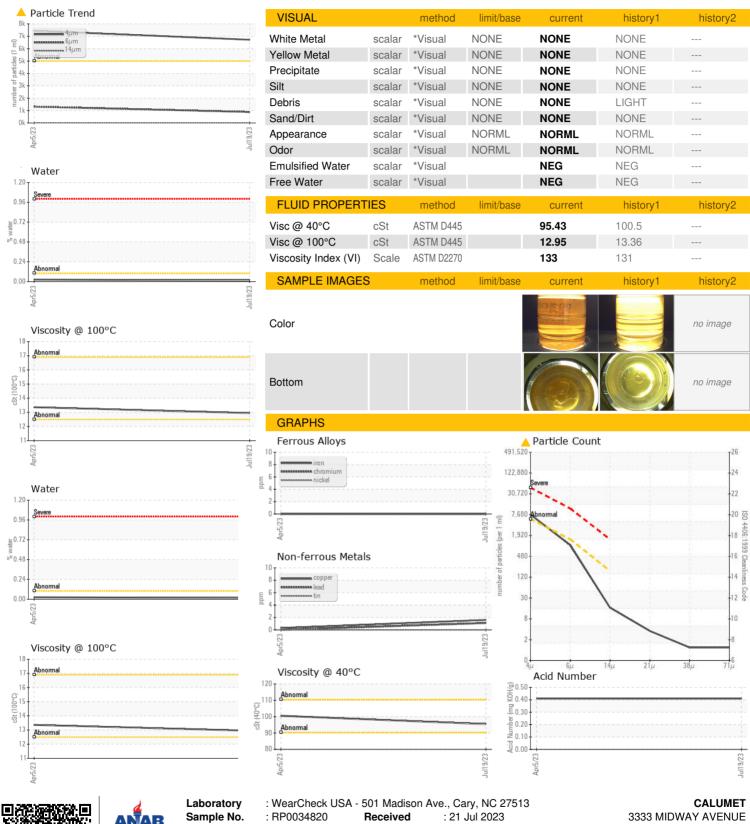
Contamination

There is a moderate 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		RP0034820	RP0031617	
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	ATTENTION	
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	1	0	
Copper	ppm	ASTM D5185m	>5	2	<1	
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		12	0	
Barium	ppm	ASTM D5185m		0	0	
Molybdenum	ppm	ASTM D5185m		8	<1	
Manganese	ppm	ASTM D5185m		<1	<1	
Magnesium	ppm	ASTM D5185m		140	95	
Calcium	ppm	ASTM D5185m		164	3	
Phosphorus	ppm	ASTM D5185m		92	0	
Zinc	ppm	ASTM D5185m		101	0	
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	3	3	
Sodium	ppm	ASTM D5185m		<1	0	
Potassium	ppm	ASTM D5185m	>20	0	0	
Water	%	ASTM D6304		0.016	0.024	
ppm Water	ppm	ASTM D6304		161.5	244.8	
FLUID CLEANLIN	NESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	6718	▲ 7445	
Particles >6µm		ASTM D7647	>1300	886	▲ 1322	
Particles >14µm		ASTM D7647	>160	14	21	
Particles >21µm		ASTM D7647	>40	3	4	
Particles >38µm		ASTM D7647	>10	1	0	
Particles >71µm		ASTM D7647	>3	1	0	
Oil Cleanliness		ISO 4406 (c)	>19/17/14	<u>^</u> 20/17/11	△ 20/18/12	
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.41	0.41	



OIL ANALYSIS REPORT





Certificate L2367

Lab Number **Unique Number**

: 05904715 : 10566071 Test Package

Diagnosed Diagnostician : Doug Bogart : IND 2 (Additional Tests: FT-IR, KV100, PrtCount, VI)

: 02 Aug 2023

SHREVEPORT, LA US 71109 Contact: NICHOLAS LESAGE

nicholas.lesage@clmt.com T:

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)

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