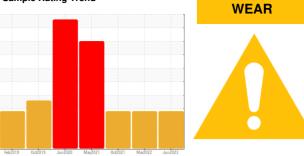


OIL ANALYSIS REPORT

Sample Rating Trend



Component Transmission (Manual) NOT GIVEN (--- GAL)

METRO 20003

DIAGNOSIS

Area METRO

A Recommendation

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

🔺 Wear

The aluminum level is abnormal. The tin level is abnormal.

Contamination

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

Fluid Condition

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

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0828731	WC0682391	WC0631755
Sample Date		Client Info		22 Jun 2023	24 Mar 2022	20 Oct 2021
Machine Age	mls	Client Info		432638	333028	286884
Oil Age	mls	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	>200	196	151	108
Chromium	ppm	ASTM D5185m	>5	1	1	<1
Nickel	ppm	ASTM D5185m	>5	<1	0	0
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m	>7	0	0	0
Aluminum	ppm	ASTM D5185m	>25	<u> </u>	<u> </u>	1 79
Lead	ppm	ASTM D5185m	>45	<1	<1	<1
Copper	ppm	ASTM D5185m	>225	22	18	15
Tin	ppm	ASTM D5185m	>10	A 33	A 27	A 23
Antimony	ppm	ASTM D5185m				0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		312	306	266
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		<1	<1	<1
Manganese	ppm	ASTM D5185m		4	4	3
Magnesium	ppm	ASTM D5185m		3	3	2
Calcium	ppm	ASTM D5185m		51	55	49
Phosphorus	ppm	ASTM D5185m		1128	1216	1043
Zinc	ppm	ASTM D5185m		12	9	7
Sulfur	ppm	ASTM D5185m		1328	1178	1207
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>125	20	19	14
Sodium	ppm	ASTM D5185m		0	1	3
Potassium	ppm	ASTM D5185m	>20	8	8	5
Water	%	ASTM D6304	>0.1	0.061	0.042	0.075
ppm Water	ppm	ASTM D6304		612.2	423.6	754.1
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	A 265930		
Particles >6µm		ASTM D7647	>2500	<u> </u>		
Particles >14µm		ASTM D7647	>320	148		
Particles >21µm		ASTM D7647	>80	20		
Particles >38µm		ASTM D7647	>20	0		
Particles >71µm		ASTM D7647	>4	0		
Oil Cleanliness		ISO 4406 (c)	>20/18/15	A 25/24/14		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		3.81	▲ 3.940	▲ 3.685
·12·03) Boy: 1	39		Contact			

Report Id: bastarhd [WUSCAR] 05902276 (Generated: 07/21/2023 13:12:03) Rev: 1

Contact/Location: GIANNA CREDAROLI - BASTARHD



🔺 Particle Trend

300

250 -

200

Te 150

100

50

0.9

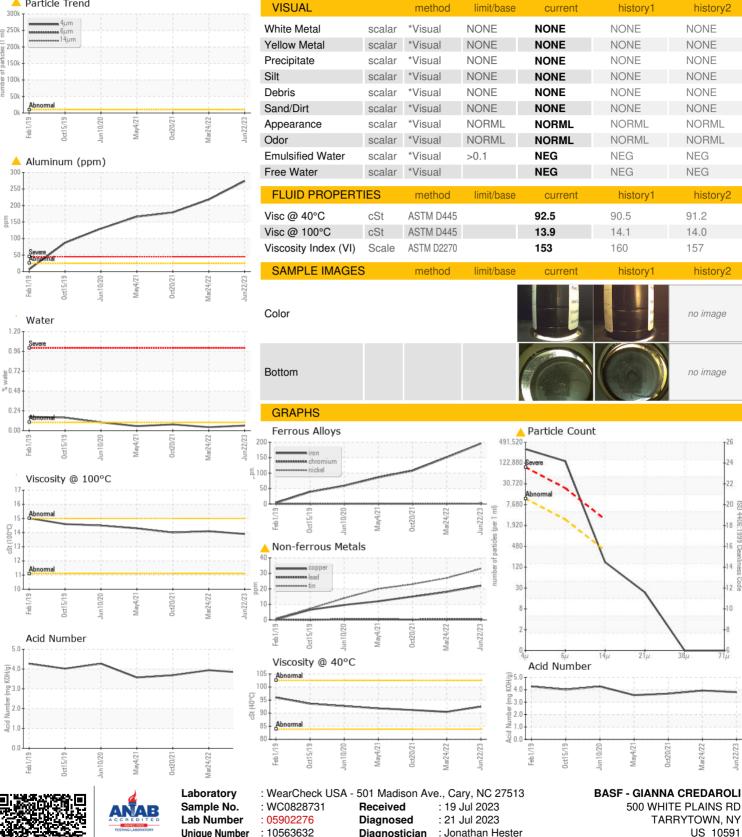
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(^B/HO)

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OIL ANALYSIS REPORT



Test Package : MOB 2 (Additional Tests: KF, KV100, PrtCount, VI)

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.

Certificate L2367

Contact/Location: GIANNA CREDAROLI - BASTARHD

Aar24/22

history2

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

history

history2

no image

no image

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NEG

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