

OIL ANALYSIS REPORT

Area

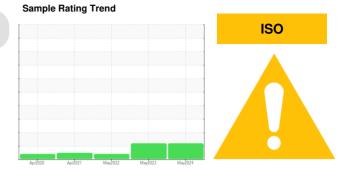
Granulation

F Toppenberg Maskinf FFK30BB01 Coating Premix, Mixer Rotating Assembly

Gearbox

Fluid

MOBIL MOBILGEAR 600 XP 220 (7 GAL)



DIAGNOSIS

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 high amount of silt (particulates < 14 microns in size) present in the oil.

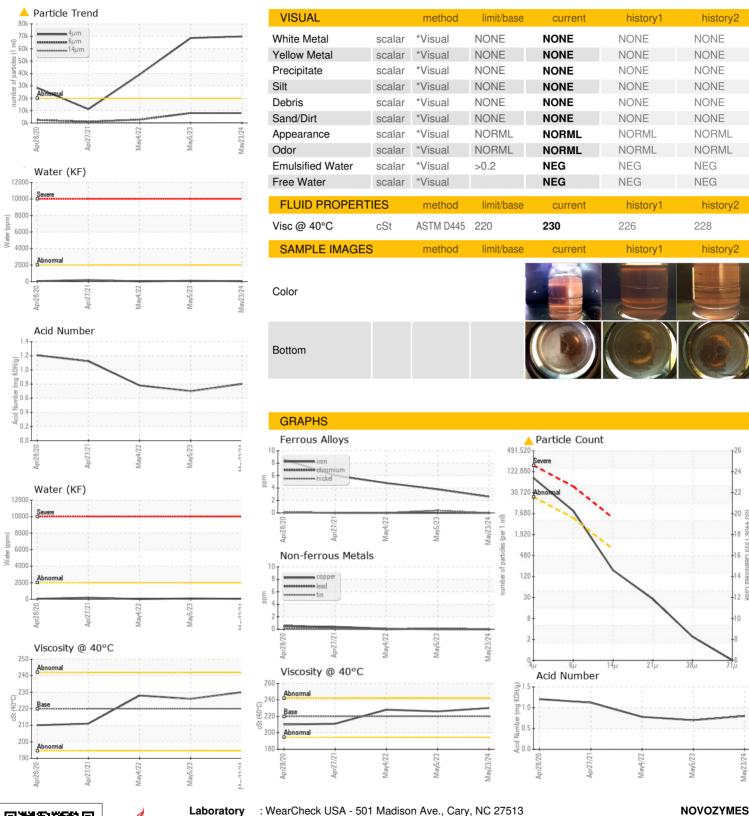
Fluid Condition

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

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0888626	WC0795874	WC0660560
Sample Date		Client Info		23 May 2024	05 May 2023	04 May 2022
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				ABNORMAL	ABNORMAL	ATTENTION
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	3	4	5
Chromium	ppm	ASTM D5185m	>15	0	0	0
Nickel	ppm	ASTM D5185m	>15	0	<1	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	0	<1	0
Lead	ppm	ASTM D5185m	>100	0	<1	0
Copper	ppm	ASTM D5185m	>200	0	0	<1
Tin	ppm	ASTM D5185m	>25	0	0	0
Antimony	ppm	ASTM D5185m	>5			
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES	pp	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	<1
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	<1	0
Manganese	ppm	ASTM D5185m		0	0	<1
Magnesium	ppm	ASTM D5185m		0	<1	<1
Calcium	ppm	ASTM D5185m		<1	<1	<1
Phosphorus	ppm	ASTM D5185m		667	605	576
Zinc	ppm	ASTM D5185m		<1	5	<1
Sulfur	ppm	ASTM D5185m		2153	1954	1478
CONTAMINANTS		method	limit/base	current	history1	history2
						,
Silicon	ppm	ASTM D5185m	>50	0	1	1
Sodium	ppm	ASTM D5185m	00	2	0	0
Potassium	ppm	ASTM D5185m		0	<1	1
Water	%	ASTM D6304		0.005	0.009	0.003
ppm Water	ppm	ASTM D6304	>2000	53	96.5	26.9
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>20000	▲ 69832	▲ 68606	39030
Particles >6µm		ASTM D7647	>5000	7994	7991	2688
Particles >14µm		ASTM D7647	>640	160	131	53
Particles >21µm		ASTM D7647	>160	24	7	8
Particles >38µm		ASTM D7647	>40	2	0	0
Particles >71μm		ASTM D7647	>10	0	0	0
Oil Cleanliness		ISO 4406 (c)	>21/19/16	<u>23/20/14</u>	<u>23/20/14</u>	22/19/13
FLUID DEGRADA	TION	method	limit/base	current	history1	history2



OIL ANALYSIS REPORT







Laboratory Sample No.

Lab Number Unique Number : 11059739

: WC0888626 : 06197616

Received **Tested**

: 03 Jun 2024 : 04 Jun 2024 Diagnosed : 04 Jun 2024 - Don Baldridge

P.O. BOX 576, 77 PERRY CHAPEL CHURCH ROAD FRANKLINTON, NC US 27525 Contact: BRUCE THOMAS

brct@novozymes.com

T: (919)494-3146

F: (919)494-3456

Test Package : IND 2 (Additional Tests: KF, PrtCount) Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369.

 st - 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)