

PROBLEM SUMMARY

Granulation

F Toppenberg Maskinf FFK50AB01 Polishing, Mixer Rotating Assembly

Component Gearbox

MOBIL MOBILGEAR 600 XP 220 (--- GAL)

COMPONENT CONDITION SUMMARY



No relevant graphs to display

RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample.

PROBLEMATIC TEST RESULTS								
Sample Status				ABNORMAL	ABNORMAL	ATTENTION		
Debris	scalar	*Visual	NONE	MODER	NONE	NONE		

Customer Id: NOVFRANC **Sample No.:** WC0835742 Lab Number: 05922226 Test Package: IND 2

To manage this report scan the QR code

To discuss the diagnosis or test data: Jonathan Hester +1 919-379-4092 x4092 ihester@wearcheckusa.com

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

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Filter			?	We recommend you service the filters on this component.
Alert			?	We were unable to perform a particle count due to a high concentration of particles present in this sample.

HISTORICAL DIAGNOSIS

28 Jul 2022 Diag: Doug Bogart





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 high amount of silt (particulates < 6 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



12 Aug 2021 Diag: Don Baldridge

ISO



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 moderate amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



08 Oct 2020 Diag: Doug Bogart

ISO



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 moderate amount of silt (particulates < 6 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.





OIL ANALYSIS REPORT

Sample Rating Trend

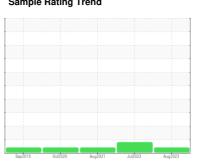
VIS DEBRIS

Granulation

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MOBIL MOBILGEAR 600 XP 220 (--- GAL)





DIAGNOSIS

Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample.

Wear

All component wear rates are normal.

Contamination

Moderate concentration of visible dirt/debris present in the oil.

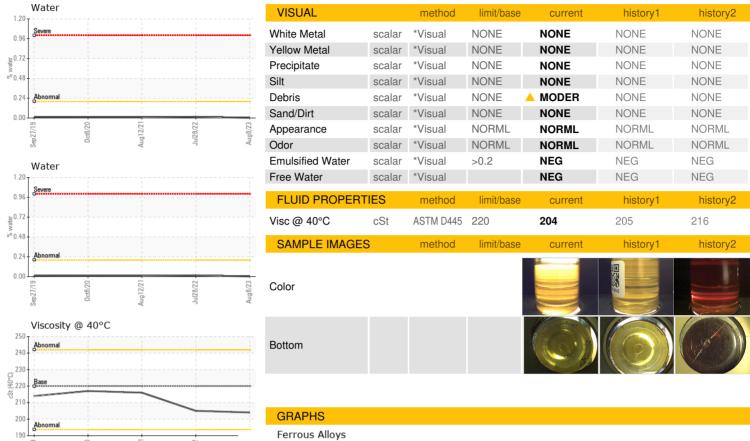
Fluid Condition

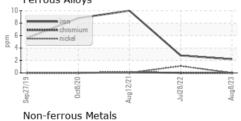
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

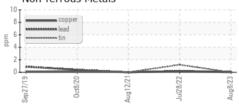
		Sep2019	0ct2020	Aug2021 Jul2022	Aug2023	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0835742	WC0718042	WC0611280
Sample Date		Client Info		08 Aug 2023	28 Jul 2022	12 Aug 2021
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	ATTENTION
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>200	2	3	10
Chromium	ppm	ASTM D5185m	>15	0	0	<1
Nickel	ppm	ASTM D5185m	>15	0	1	0
Γitanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>25	1	2	<1
_ead	ppm	ASTM D5185m	>100	0	<1	0
Copper	ppm	ASTM D5185m	>200	<1	<1	0
rin	ppm	ASTM D5185m	>25	0	1	0
Antimony	ppm	ASTM D5185m				336
/anadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		0	<1	0
ADDITIVES	ррш	method	limit/base	current	history1	history2
Boron	nnm	ASTM D5185m	III III Dase	2	6	31
	ppm	ASTM D5185m		0	0	0
Barium Astricatorium	ppm			-		
Molybdenum	ppm	ASTM D5185m		0	0	<1
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		0	<1	0
Calcium	ppm	ASTM D5185m		0	<1	<1
Phosphorus	ppm	ASTM D5185m		624	637	443
Zinc	ppm	ASTM D5185m		0	4	18
Sulfur	ppm	ASTM D5185m		1423	1535	14094
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm		>50	2	1	4
Sodium	ppm	ASTM D5185m		<1	<1	1
Potassium	ppm	ASTM D5185m	>20	0	0	0
Vater	%	ASTM D6304	>0.2	0.002	0.015	0.010
pm Water	ppm	ASTM D6304	>2000	19.6	158.0	106.4
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>20000		<u>▲</u> 44425	<u>▲</u> 28968
Particles >6µm		ASTM D7647	>5000		2381	2142
Particles >14μm		ASTM D7647	>640		59	42
Particles >21µm		ASTM D7647	>160		11	6
Particles >38μm		ASTM D7647	>40		0	1
Particles >71µm		ASTM D7647	>10		0	0
Oil Cleanliness		ISO 4406 (c)	>21/19/16		△ 23/18/13	<u>22/18/13</u>
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.77	0.77	0.854

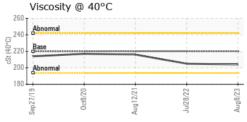


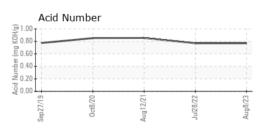
OIL ANALYSIS REPORT















Certificate L2367

Laboratory Sample No. Lab Number **Unique Number**

: WC0835742 : 05922226 : 10602173

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received Diagnosed

: 11 Aug 2023 : 14 Aug 2023

Diagnostician : Jonathan Hester Test Package : IND 2 (Additional Tests: KF, PrtCount)

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) **NOVOZYMES**

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