

# **OIL ANALYSIS REPORT**

Sample Rating Trend



Granulation

# Lodige FFK35BB01 Granulation Mixer, Mixer Rotating Assemb

### Gearbox

**MOBIL MOBILGEAR 600 XP 220 (7 GAL)** 

## DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

#### Contamination

The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil.

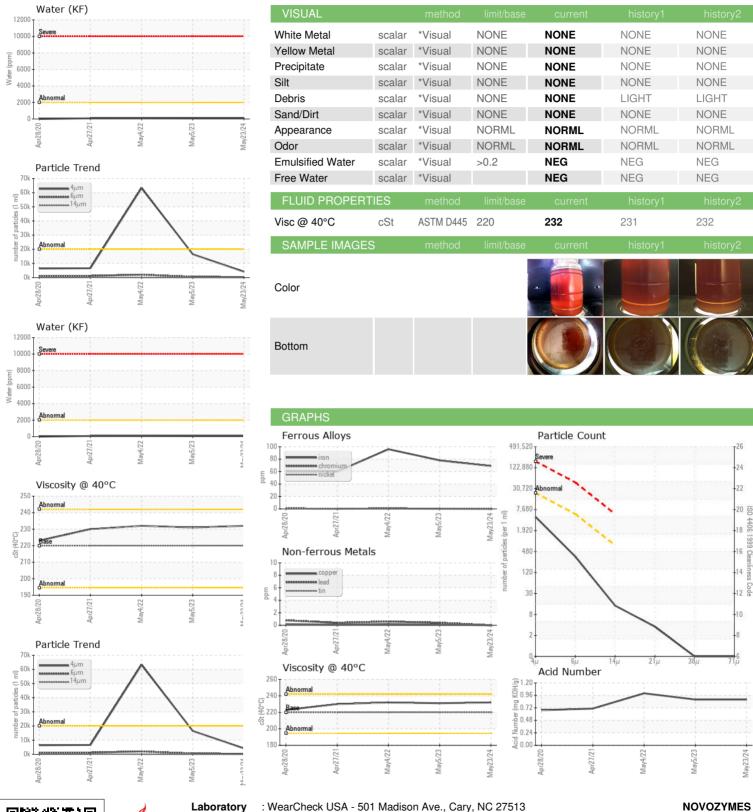
#### **Fluid Condition**

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

		Apr2020	Apr2021	May2022 May2023	May2024	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0888627	WC0795875	WC0675387
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				NORMAL	NORMAL	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	69	78	96
Chromium	ppm	ASTM D5185m	>15	0	<1	<1
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	<1
Lead	ppm	ASTM D5185m	>100	0	<1	<1
Copper	ppm	ASTM D5185m	>200	0	<1	<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		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	<1	1
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	<1	<1
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		0	<1	<1
Calcium	ppm	ASTM D5185m		2	3	4
Phosphorus	ppm	ASTM D5185m		684	649	632
Zinc	ppm	ASTM D5185m		28	36	35
Sulfur	ppm	ASTM D5185m		2443	2153	1734
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	2	2	2
Sodium	ppm	ASTM D5185m		3	<1	5
Potassium	ppm	ASTM D5185m	>20	0	<1	1
Water	%	ASTM D6304	>0.2	0.010	0.010	0.007
ppm Water	ppm	ASTM D6304	>2000	107	106.1	73.7
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4μm		ASTM D7647	>20000	4141	16490	▲ 63223
Particles >6µm		ASTM D7647	>5000	303	546	2058
Particles >14μm		ASTM D7647	>640	12	12	35
Particles >21µm		ASTM D7647	>160	3	2	6
Particles >38µm		ASTM D7647	>40	0	0	0
Particles >71µm		ASTM D7647	>10	0	0	0
Oil Cleanliness		ISO 4406 (c)	>21/19/16	19/15/11	21/16/11	<u>△</u> 23/18/12
FLUID DEGRADA	TION	method	limit/base	current	history1	history2



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Certificate 12367

Sample No. Lab Number

: WC0888627 : 06197619 Unique Number : 11059742

To discuss this sample report, contact Customer Service at 1-800-237-1369.

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

Received **Tested** Diagnosed

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

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

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 $^st$  - 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)

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