

OIL ANALYSIS REPORT

Recycled Fiber RF Pulper Gearbox

Gearbox

MOBIL MOBILGEAR SHC 220 (150)

Sample Rating Trend



Recommendation

Resample at the next service interval to monitor. (Customer Sample Comment: Oil had been changed from 320 to 220 (request from manufacturer))

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.

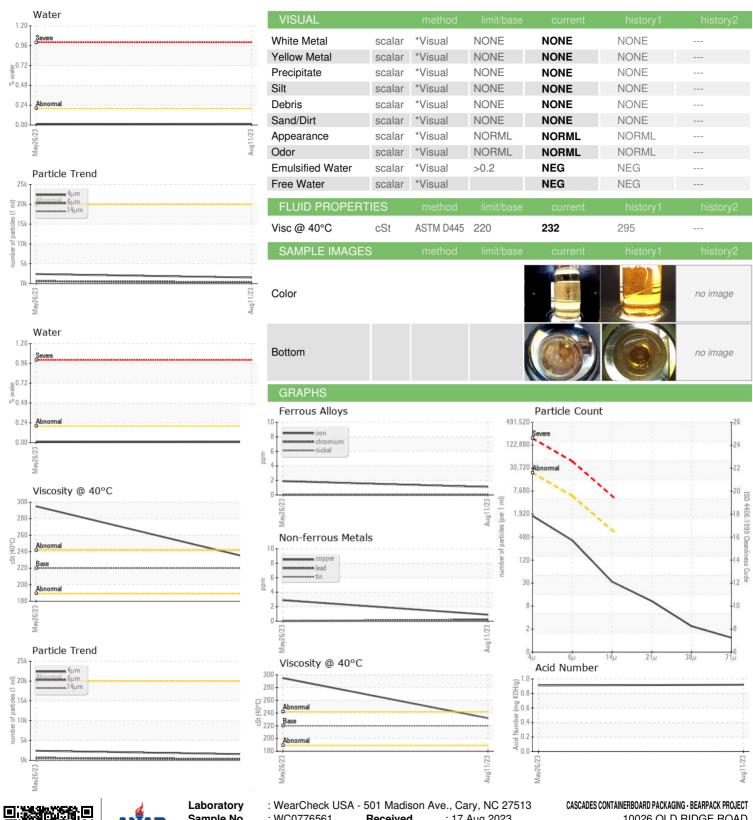
Fluid Condition

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

			May2023	Aug2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0776561	WC0776632	
Sample Date		Client Info		11 Aug 2023	26 May 2023	
Machine Age	hrs	Client Info		0	0	
Oil Age	hrs	Client Info		0	0	
Oil Changed		Client Info		N/A	N/A	
Sample Status				NORMAL	NORMAL	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	1	2	
Chromium	ppm	ASTM D5185m	>15	0	0	
Nickel	ppm	ASTM D5185m	>15	0	0	
Titanium	ppm	ASTM D5185m		<1	0	
Silver	ppm	ASTM D5185m		0	0	
Aluminum	ppm	ASTM D5185m	>25	<1	0	
Lead	ppm	ASTM D5185m	>100	<1	0	
Copper	ppm	ASTM D5185m	>200	<1	3	
Tin	ppm	ASTM D5185m	>25	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		0	0	
Barium	ppm	ASTM D5185m		0	0	
Molybdenum	ppm	ASTM D5185m		0	0	
Manganese	ppm	ASTM D5185m		<1	<1	
Magnesium	ppm	ASTM D5185m		3	<1	
Calcium	ppm	ASTM D5185m		2	2	
Phosphorus	ppm	ASTM D5185m		487	487	
Zinc	ppm	ASTM D5185m		2	8	
Sulfur	ppm	ASTM D5185m		2593	3087	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	15	22	
Sodium	ppm	ASTM D5185m		<1	0	
Potassium	ppm	ASTM D5185m		2	1	
Water	%	ASTM D6304		0.008	0.013	
ppm Water	ppm	ASTM D6304		82.5	136.6	
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>20000	1509	2400	
Particles >6µm		ASTM D7647	>5000	347	613	
Particles >14µm		ASTM D7647	>640	29	30	
Particles >21µm		ASTM D7647	>160	9	5	
Particles >38µm		ASTM D7647	>40	2	1	
Particles >71μm		ASTM D7647	>10	1	0	
Oil Cleanliness		ISO 4406 (c)	>21/19/16	18/16/12	18/16/12	
FLUID DEGRADA		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.92	0.91	



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Certificate L2367

Sample No. Lab Number **Unique Number**

Test Package

: 05927243

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

: WC0776561 : 10607190 : PLANT

Received : 17 Aug 2023 Diagnosed : 18 Aug 2023 : Don Baldridge Diagnostician

10026 OLD RIDGE ROAD ASHLAND, VA

US 23005

Contact: MARC-ANDRE HUBERT marc-andre hubert@cascades.com

* - 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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