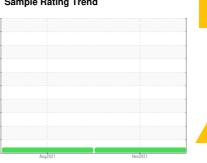


OIL ANALYSIS REPORT

Sample Rating Trend



ISO



Fermentation 1304-B Seed Tank

Agitator Gearbox

Mobilgear 629 (--- GAL)

DIAGNOSIS

Recommendation

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

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

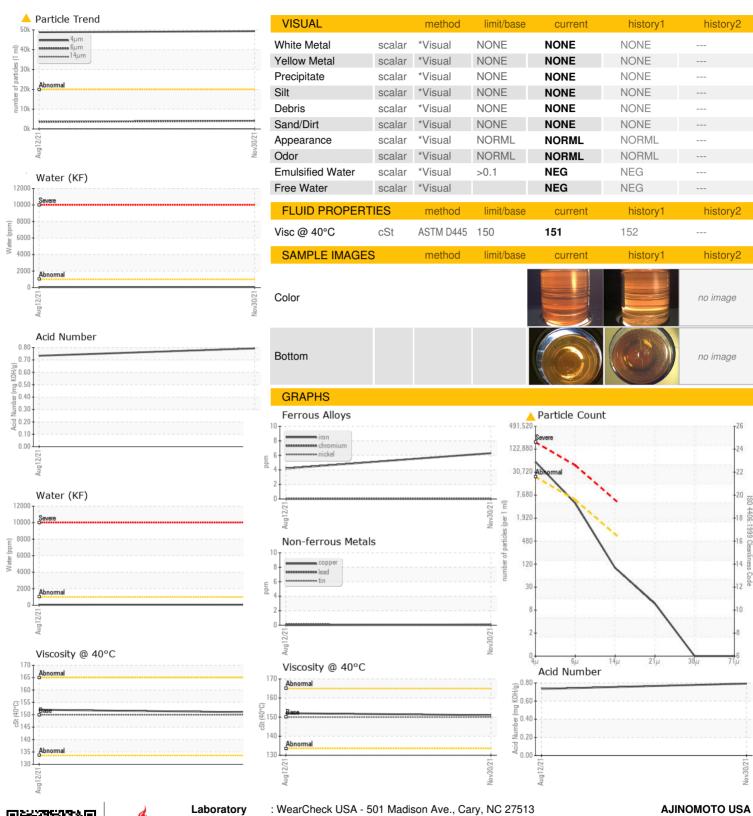
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

0.11101 5 1115001			Aug2021	Nov2021		
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0614182	WC0608854	
Sample Date		Client Info		30 Nov 2021	12 Aug 2021	
Machine Age	hrs	Client Info		0	0	
Oil Age	hrs	Client Info		0	0	
Oil Changed		Client Info		N/A	N/A	
Sample Status				ABNORMAL	ABNORMAL	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>150	6	4	
Chromium	ppm	ASTM D5185m	>10	0	0	
Nickel	ppm	ASTM D5185m	>10	0	0	
Titanium	ppm	ASTM D5185m		0	0	
Silver	ppm	ASTM D5185m		0	<1	
Aluminum	ppm	ASTM D5185m	>25	0	0	
Lead	ppm	ASTM D5185m	>100	0	<1	
Copper	ppm	ASTM D5185m	>50	<1	0	
Tin	ppm	ASTM D5185m	>10	0	0	
Antimony	ppm	ASTM D5185m		2	<1	
Vanadium	ppm	ASTM D5185m		0	0	
Cadmium	ppm	ASTM D5185m		0	<1	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		11	30	
Barium	ppm	ASTM D5185m		0	0	
Molybdenum	ppm	ASTM D5185m		0	0	
Manganese	ppm	ASTM D5185m		<1	<1	
Magnesium	ppm	ASTM D5185m		0	0	
Calcium	ppm	ASTM D5185m		0	0	
Phosphorus	ppm	ASTM D5185m		346	343	
Zinc	ppm	ASTM D5185m		0	0	
Sulfur	ppm	ASTM D5185m		14868	14461	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	0	<1	
Sodium	ppm	ASTM D5185m		<1	<1	
Potassium	ppm	ASTM D5185m	>20	0	<1	
Water	%	ASTM D6304	>0.1	0.006	0.005	
ppm Water	ppm	ASTM D6304	>1000	63.1	57.6	
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>20000	49348	△ 48817	
Particles >6µm		ASTM D7647	>5000	4120	3592	
Particles >14µm		ASTM D7647	>640	85	84	
Particles >21µm		ASTM D7647	>160	10	16	
Particles >38µm		ASTM D7647	>40	0	1	
Particles >71µm		ASTM D7647	>10	0	0	
Oil Cleanliness		ISO 4406 (c)	>21/19/16	<u>^</u> 23/19/14	<u>23/19/14</u>	
FLUID DEGRADA	TION	method	limit/base	current	history1	history2

0.793



OIL ANALYSIS REPORT





ANAB ACCREDITED TESTING LABORATORY Laboratory Sample No. Lab Number Unique Number

: WC0614182 : 05418977

: 9773168

neck USA - 501 Madison 14182 **Recieved** 277 **Diagnosed**

Recieved : 09 Dec 2021 Diagnosed : 10 Dec 2021 Diagnostician : Angela Borella

Certificate 12367 **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)

4020 AJINOMOTO DRIVE RALEIGH, NC

US 27610 Contact: Michael Thompson thompsonm@ajiusa.com T: (919)723-2142

F: