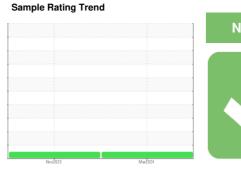


OIL ANALYSIS REPORT

RRHP Generator Pit 722 Elevation 029-200-418 Unit 2 GGB

Guide Bearing

MOBIL DTE 26 (53 GAL)





DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

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

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		WC0927623	WC0879261	
Sample Date		Client Info		12 Mar 2024	22 Nov 2023	
Machine Age	hrs	Client Info		7867	7480	
Oil Age	hrs	Client Info		7867	7480	
Oil Changed		Client Info		Not Changd	Filtered	
Sample Status				NORMAL	NORMAL	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	<1	0	
Chromium	ppm	ASTM D5185m	>20	<1	0	
Nickel	ppm	ASTM D5185m	>20	<1	0	
Titanium	ppm	ASTM D5185m		<1	0	
Silver	ppm	ASTM D5185m		0	0	
Aluminum	ppm	ASTM D5185m	>20	1	0	
Lead	ppm	ASTM D5185m	>20	1	0	
Copper	ppm	ASTM D5185m	>20	<1	0	
Tin	ppm	ASTM D5185m	>20	1	0	
Vanadium	ppm	ASTM D5185m		<1	0	
Cadmium	ppm	ASTM D5185m		<1	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	
Barium	ppm	ASTM D5185m		<1	0	
Molybdenum	ppm	ASTM D5185m		<1	0	
Manganese	ppm	ASTM D5185m		<1	0	
Magnesium	ppm	ASTM D5185m		<1	0	
Calcium	ppm	ASTM D5185m		134	119	
Phosphorus	ppm	ASTM D5185m		499	462	
Zinc	ppm	ASTM D5185m		685	666	
Sulfur	ppm	ASTM D5185m		8585	7806	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	2	1	
Sodium	ppm	ASTM D5185m		- <1	1	
Potassium	ppm	ASTM D5185m	>20	1	0	
Water	%	ASTM D6304		0.003	0.010	
ppm Water	ppm	ASTM D6304	_	37	109	
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	220	170	
Particles >6µm		ASTM D7647	>2500	79	50	
Particles >14µm		ASTM D7647	>160	18	5	
Particles >21µm		ASTM D7647	>40	7	1	
Particles >38µm		ASTM D7647	>10	0	0	
Particles >71µm		ASTM D7647	>3	0	0	
Oil Cleanliness		ISO 4406 (c)	>20/18/14	15/13/11	15/13/10	
FLUID DEGRADA		method				history2



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No. Lab Number

: WC0927623 : 06147333 Unique Number : 10977411

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

Received **Tested** Diagnosed Test Package : PLANT

: 12 Apr 2024 : 15 Apr 2024

: 16 Apr 2024 - Don Baldridge

CA 50219 Contact: Vern Cochran vern.cochran@mrenergy.com

 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)

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

T: (605)357-6920

1004 216th Place

Pella, IA