

OIL ANALYSIS REPORT

Area **RRHP** Turbine Pit 699 Elevation 029-100-418 Unit 1 TGB

Guide Bearing Fluid MOBIL DTE 26 (36 GAL)

Recommendation

Resample at the next service interval to monitor.

Wear

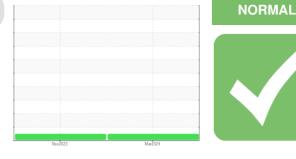
All component wear rates are normal.

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.





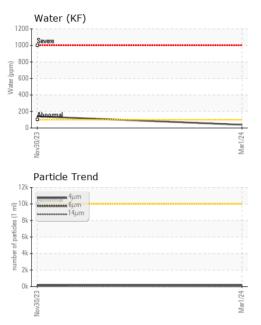
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0927625	WC0879263	
Sample Date		Client Info		01 Mar 2024	30 Nov 2023	
Machine Age	hrs	Client Info		11055	9975	
Oil Age	hrs	Client Info		11055	9975	
Oil Changed		Client Info		Not Changd	Filtered	
Sample Status				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	<1	
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		120	120	
Phosphorus	ppm	ASTM D5185m		518	460	
Zinc	ppm	ASTM D5185m		699	655	
Sulfur	ppm	ASTM D5185m		8990	7743	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	1	1	
Sodium	ppm	ASTM D5185m		1	2	
Potassium	ppm	ASTM D5185m	>20	2	0	
Water	%	ASTM D6304	>2	0.003	0.014	
ppm Water	ppm	ASTM D6304		39	141	
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	160	191	
Particles >6µm		ASTM D7647	>2500	52	74	
Particles >14µm		ASTM D7647	>160	10	24	
Particles >21µm		ASTM D7647	>40	3	10	
Particles >38µm		ASTM D7647	>10	0	1	
Particles >71µm		ASTM D7647	>3	0	0	
Oil Cleanliness		ISO 4406 (c)	>20/18/14	14/13/10	15/13/12	
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.603	0.77	

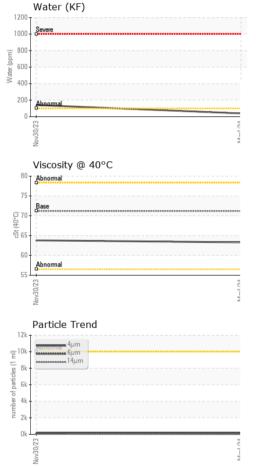
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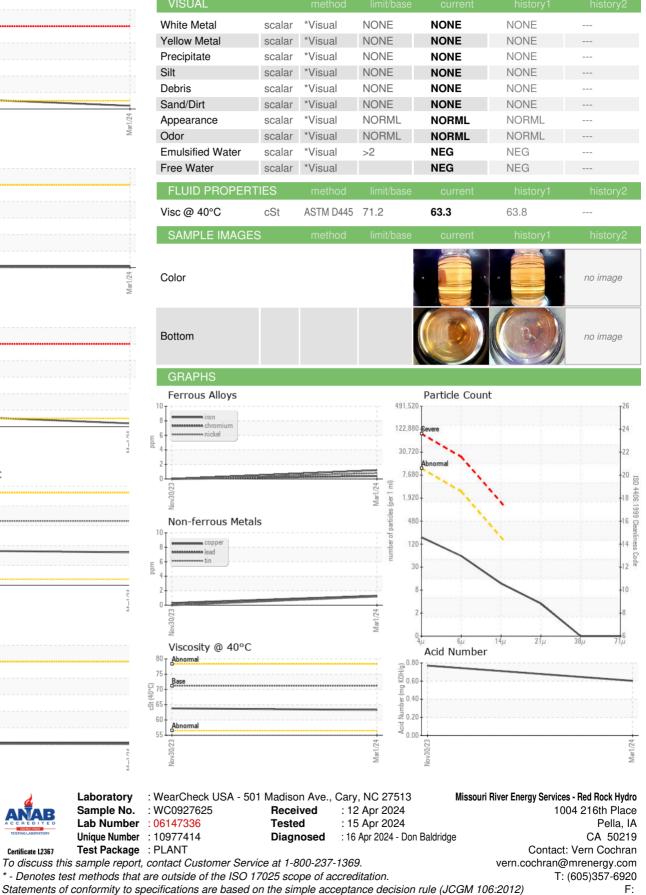
Sample Rating Trend



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Report Id: MISPEL [WUSCAR] 06147336 (Generated: 04/16/2024 11:04:02) Rev: 1

Certificate 12367

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