

OIL ANALYSIS REPORT

Area **RRHP** Turbine Pit 699 Elevation 029-200-410 Unit 2 TGB

Guide Bearing Fluid MOBIL DTE 26 (36 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

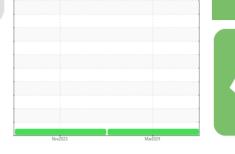
All component wear rates are normal.

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.





NORMAL

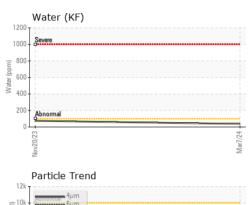
SAMPLE INFORM	/IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0927628	WC0879258	
Sample Date		Client Info		07 Mar 2024	20 Nov 2023	
Machine Age	hrs	Client Info		7867	7480	
Oil Age	hrs	Client Info		7867	7480	
Oil Changed		Client Info		Not Changd	Filtered	
Sample Status				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	<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		123	114	
Phosphorus	ppm	ASTM D5185m		504	458	
Zinc	ppm	ASTM D5185m		679	654	
Sulfur	ppm	ASTM D5185m		9059	7838	
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	0.007	
ppm Water	ppm	ASTM D6304		37	75	
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	492	1069	
Particles >6µm		ASTM D7647	>2500	130	385	
Particles >14µm		ASTM D7647	>160	12	9	
Particles >21µm		ASTM D7647	>40	3	2	
Particles >38µm		ASTM D7647	>10	0	1	
Particles >71µm		ASTM D7647	>3	0	0	
Oil Cleanliness		ISO 4406 (c)	>20/18/14	16/14/11	17/16/10	
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.649	0.61	

Submitted By: RRHP Pella Iowa - Vern Cochran Page 1 of 2

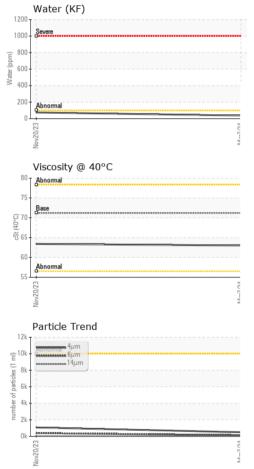
Sample Rating Trend

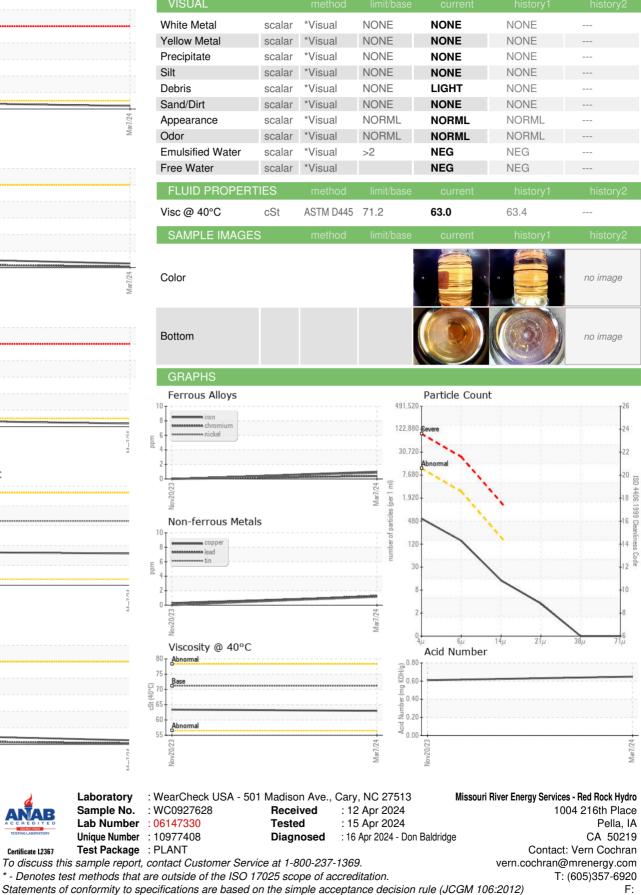


OIL ANALYSIS REPORT









Report Id: MISPEL [WUSCAR] 06147330 (Generated: 04/16/2024 11:04:11) Rev: 1

Certificate 12367

Submitted By: RRHP Pella Iowa - Vern Cochran