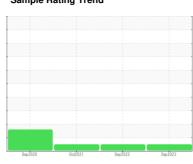


# **OIL ANALYSIS REPORT**

### Sample Rating Trend



**NORMAL** 



# PTU-3 - M2-0416

Component Gearbox

**GULF EP 100 (--- GAL)** 

#### Recommendation

Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

#### Wear

All component wear rates are normal.

#### Contamination

The water content is negligible. 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.

		Sep2020	0 oct2021	Sep 2022 S	p2023	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		RP0038772	RP0030017	RP0022492
Sample Date		Client Info		06 Sep 2023	09 Sep 2022	05 Oct 2021
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	Not Changd	N/A
Sample Status				NORMAL	NORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	24	24	17
Chromium	ppm	ASTM D5185m	>15	0	<1	<1
Nickel	ppm	ASTM D5185m	>15	0	0	0
Titanium	ppm	ASTM D5185m		0	0	<1
Silver	ppm	ASTM D5185m		0	<1	<1
Aluminum	ppm	ASTM D5185m	>25	0	<1	<1
Lead	ppm	ASTM D5185m	>100	0	<1	<1
Copper	ppm	ASTM D5185m	>200	0	<1	<1
Tin	ppm	ASTM D5185m	>25	0	<1	<1
Antimony	ppm	ASTM D5185m	>5			0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	<1
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		7	9	13
Barium	ppm	ASTM D5185m		0	<1	0
Molybdenum	ppm	ASTM D5185m		0	<1	<1
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		0	3	2
Calcium	ppm	ASTM D5185m		16	18	16
Phosphorus	ppm	ASTM D5185m		178	185	183
Zinc	ppm	ASTM D5185m		0	14	2
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	<1	<1	<1
Sodium	ppm	ASTM D5185m		<1	1	1
Potassium	ppm	ASTM D5185m	>20	2	0	0
Water	%	ASTM D6304	>0.2	0.004	0.007	0.004
ppm Water	ppm	ASTM D6304	>2000	43.0	72.9	46.7
FLUID DEGRADA	TION	method	limit/base	current	history1	history2

0.43

Acid Number (AN)

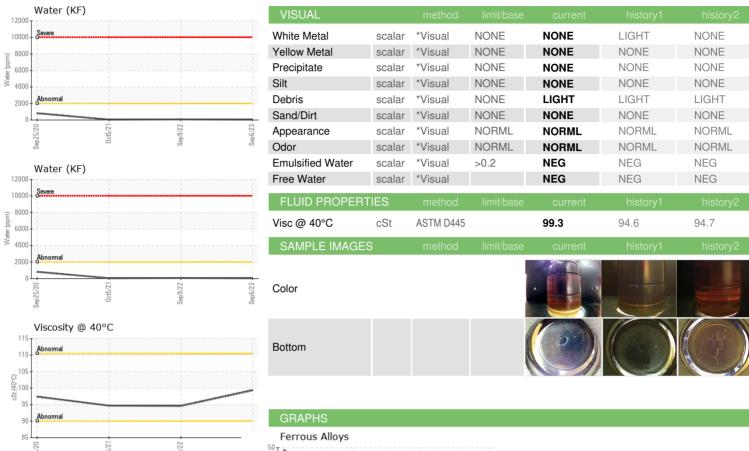
mg KOH/g ASTM D8045

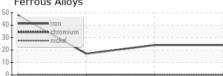
0.50

0.463



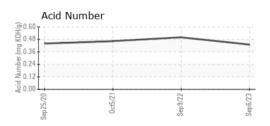
## **OIL ANALYSIS REPORT**





Non-ferrous Metals

Viscosity @ 40°C 120 (40°C) 90 )ct5/21







Certificate L2367

Laboratory Sample No.

Lab Number **Unique Number** 

: RP0038772 : 05964240 : 10670791 Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : 28 Sep 2023 Received : 29 Sep 2023 Diagnosed : Wes Davis Diagnostician

**VEOLIA WATER** 1 NEW BOSTON RD EXTENSION STURBRIDGE, MA

US 01566

Contact: WAYNE JOHNSON WAYNE.JOHNSON2@VEOLIA.COM

T: (508)347-2514

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)

F: