

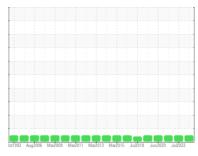
# **OIL ANALYSIS REPORT**

# WHITEDOG FALLS GS FP3G1

Component

**Governor System** 

ESSO TERESSO ISO 46 (--- GAL)



Sample Rating Trend



### 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 system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

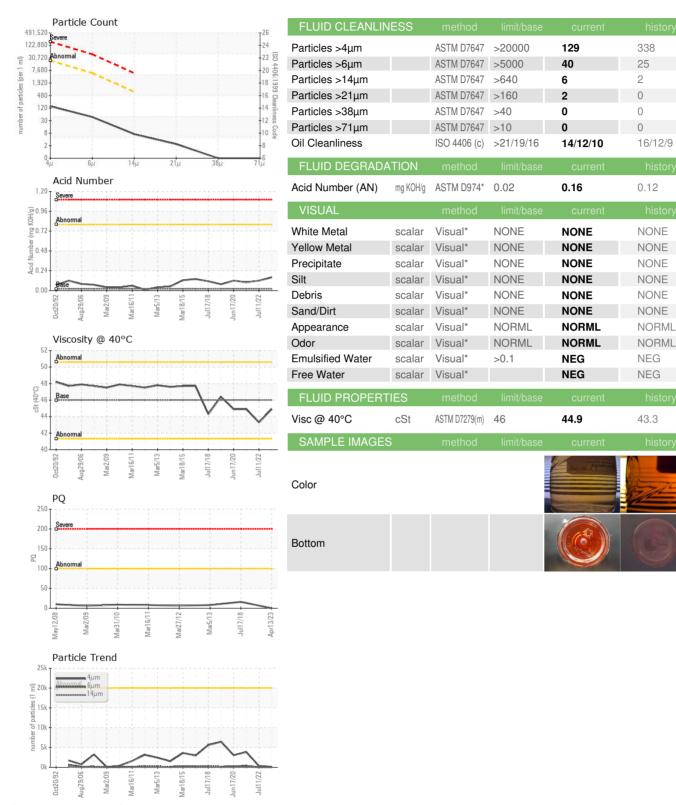
### **Fluid Condition**

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		WC0806486	WC0686300	WC0560596
Sample Date		Client Info		13 Apr 2023	11 Jul 2022	14 Apr 2021
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINATION	V	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*		0		
Iron	ppm	ASTM D5185(m)	>50	1	1	1
Chromium	ppm	ASTM D5185(m)	>10	0	0	0
Nickel	ppm	ASTM D5185(m)	>10	<1	0	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)		0	0	<1
Aluminum	ppm	ASTM D5185(m)	>3	<1	<1	<1
Lead	ppm	ASTM D5185(m)	>75	0	<1	<1
Copper	ppm	ASTM D5185(m)	>15	0	0	<1
Tin	ppm	ASTM D5185(m)		0	0	0
Antimony	ppm	ASTM D5185(m)	>5	0	<1	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
Beryllium	ppm	ASTM D5185(m)		0	0	0
Cadmium	ppm	ASTM D5185(m)		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	0	0	0	<1
Barium	ppm	ASTM D5185(m)		0	0	0
Molybdenum	ppm	ASTM D5185(m)	0	0	0	0
Manganese	ppm	ASTM D5185(m)		0	0	0
Magnesium	ppm	ASTM D5185(m)	0	0	0	<1
Calcium	ppm	ASTM D5185(m)	0	0	0	<1
Phosphorus	ppm	ASTM D5185(m)	2.4	<1	3	2
Zinc	ppm	ASTM D5185(m)	0	<1	2	<1
Sulfur	ppm	ASTM D5185(m)		1982	1922	1972
Lithium	ppm	ASTM D5185(m)		<1	<1	<1
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>8	<1	<1	1
Sodium	ppm	ASTM D5185(m)		0	0	<1
Potassium	ppm	ASTM D5185(m)	>20	0	0	<1



## OIL ANALYSIS REPORT





CALA ISO 17025:2017 Accredited

Laboratory Sample No. **Unique Number** 

Lab Number

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

: WC0806486 : 02558987

Received : 5580027

Diagnosed : 25 May 2023 Diagnostician : Wes Davis

: 23 May 2023

Test Package : IND 2 (Additional Tests: PrtCount, TAN Man) To discuss this sample report, contact Customer Service at 1-800-268-2131.

Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

**Ontario Power Generation** 

KENORA PRODUCTION CENTRE, 200-60 FOURTEENTH ST N. KENORA, ON **CA P9N 4M9** 

Contact: Josh Robinson

josh.robinson@opg.com

T: F:

3843

327

6

2

0

0

0.10

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NEG NEG

44.9

NORML

19/16/10