

OIL ANALYSIS REPORT

SAMDLE INFORMATION

EAR FALLS GS FP1G3

Component **Thrust Bearing**

R&O OIL ISO 46 (--- GAL)

Sample Rating Trend



DIAGNOSIS

Recommendation

Little or no information is provided as to the component and lubricant being tested. Recommendations are therefore generic in nature and may not apply to the current application. Please forward information as to equipment type, reservoir capacity, lubricant type and any pertinent information to allow for a more accurate assessment. Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) R&O OIL ISO 46. Please confirm. 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.

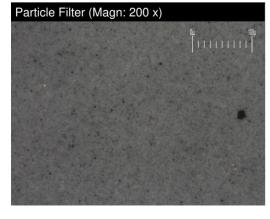
SAMPLE INFORM	IATION	method	iimivbase	current	nistory i	nistory2
Sample Number		Client Info		WC0560624	WC	WC0481697
Sample Date		Client Info		03 May 2021	31 Aug 2020	07 Jul 2020
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	ATTENTION	NORMAL
CONTAMINATION	ı	method	limit/hase	current	hietory1	history?

Water		WC Method	>2	NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>85	<1	<1	<1
Chromium	ppm	ASTM D5185(m)		0	0	0
Nickel	ppm	ASTM D5185(m)		0	<1	0
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)		<1	<1	0
Aluminum	ppm	ASTM D5185(m)	>40	<1	<1	<1
Lead	ppm	ASTM D5185(m)	>60	0	0	0
Copper	ppm	ASTM D5185(m)	>7	<1	<1	<1
Tin	ppm	ASTM D5185(m)	>40	0	0	0
Antimony	ppm	ASTM D5185(m)		0	<1	<1
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

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	5	<1	<1	<1
Barium	ppm	ASTM D5185(m)	5	0	0	0
Molybdenum	ppm	ASTM D5185(m)	5	0	0	0
Manganese	ppm	ASTM D5185(m)		0	0	0
Magnesium	ppm	ASTM D5185(m)	5	<1	<1	<1
Calcium	ppm	ASTM D5185(m)	5	<1	<1	<1
Phosphorus	ppm	ASTM D5185(m)	100	1	<1	1
Zinc	ppm	ASTM D5185(m)	25	<1	1	<1
Sulfur	ppm	ASTM D5185(m)	1500	1898	1905	1917
Lithium	ppm	ASTM D5185(m)		<1	<1	<1
CONTAMINANTS		method	limit/base	current	historv1	historv2

CONTAMINANT	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>20	1	<1	1
Sodium	ppm	ASTM D5185(m)		<1	0	<1
Potassium	ppm	ASTM D5185(m)	>20	<1	0	<1
FLUID CLEANLINESS		method	limit/base	current	history1	history2

FLUID CLEANLINESS	method				history2
Particles >4µm	ASTM D7647	>10000	525	<u> </u>	4290
Particles >6μm	ASTM D7647	>2500	150	1295	296
Particles >14µm	ASTM D7647	>160	13	67	16
Particles >21µm	ASTM D7647	>40	5	18	4
Particles >38µm	ASTM D7647	>10	0	0	0
Particles >71µm	ASTM D7647	>3	0	0	0
Oil Cleanliness	ISO 4406 (c)	>20/18/14	16/14/11	21/17/13	19/15/11



Report Id: ONTKEE [WCAMIS] 02423583 (Generated: 11/27/2023 11:41:31) Rev: 1

Contact/Location: Josh Robinson - ONTKEE



OIL ANALYSIS REPORT





CALA ISO 17025:2017 Accredited

Report Id: ONTKEE [WCAMIS] 02423583 (Generated: 11/27/2023 11:41:31) Rev: 1

Laboratory Sample No. Lab Number

Unique Number

: 02423583 : 5227083

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : WC0560624 Received Diagnosed

: 26 May 2021 : 27 May 2021 Diagnostician : Kevin Marson

Ontario Power Generation KENORA PRODUCTION CENTRE, 200-60 FOURTEENTH ST N. KENORA, ON

CA P9N 4M9 Contact: Josh Robinson

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

Validity of results and interpretation are based on the sample and information as supplied.

Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.

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F: