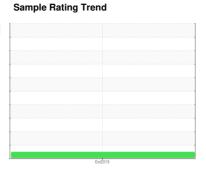


OIL ANALYSIS REPORT

EVA CREEK [30500937] **WEC 14 - 91977 - FRONT BEARING (S/N 26113)**

Component Grease

{not provided} (--- GAL)





Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

All component wear rates are normal.

Grease Condition

The condition of the grease is acceptable for the time in service.

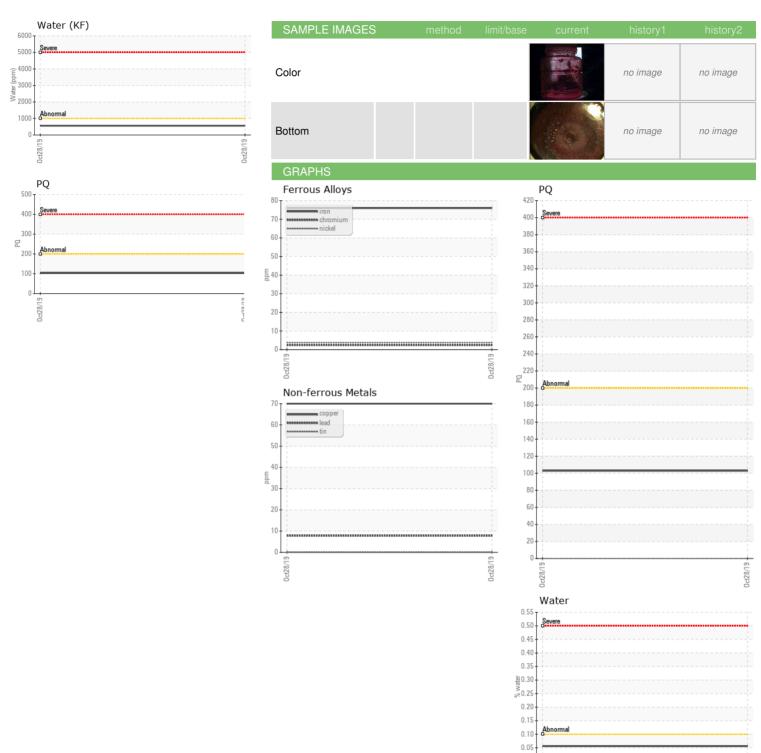
Contaminants

There is no indication of any contamination in the grease.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WCI2322986		
Sample Date		Client Info		28 Oct 2019		
Machine Age	hrs	Client Info		60170		
Grease Age	hrs	Client Info		0		
Grease Serviced		Client Info		N/A		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184	>200	103		
Iron	ppm	ASTM D5185m	>250	76		
Chromium	ppm	ASTM D5185m	>10	2		
Nickel	ppm	ASTM D5185m	>5	4		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	>5	1		
Aluminum	ppm	ASTM D5185m		1		
Lead	ppm	ASTM D5185m	>25	8		
Copper	ppm	ASTM D5185m	>75	70		
Tin	ppm	ASTM D5185m	>5	0		
Antimony	ppm	ASTM D5185m	>25	75		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		5		
Barium	ppm	ASTM D5185m		2		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		1		
Magnesium	ppm	ASTM D5185m		4		
Calcium	ppm	ASTM D5185m		9		
Phosphorus	ppm	ASTM D5185m		1685		
Zinc	ppm	ASTM D5185m		2637		
Sulfur	ppm	ASTM D5185m		6895		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>150	23		
Sodium	ppm	ASTM D5185m		10		
Potassium	ppm	ASTM D5185m	>20	0		
Water	%	ASTM D6304	>0.1	0.056		
ppm Water	ppm	ASTM D6304	>1000	560		
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.1	NEG	tion: RYAN DE\	VITT - REPHEA
Free Water	scalar	*Visual		NEG		



OIL ANALYSIS REPORT







Certificate 12367

Laboratory

Sample No. : WCI2322986 Lab Number : 04833520

Unique Number : 8793418

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 29 Oct 2019 Tested

: 04 Nov 2019 : 04 Nov 2019 - Doug Bogart Diagnosed

0.00

Test Package : IND 2 (Additional Tests: KF, PQ, PrtCount) 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.

GOLDEN VALLEY ELECTRIC

MILE 2.5 HEALY SPUR RD HEALY, AK

US 99743

F:

Contact: RYAN DEWITT rjdewitt@gvea.com T:

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Contact/Location: RYAN DEWITT - REPHEA