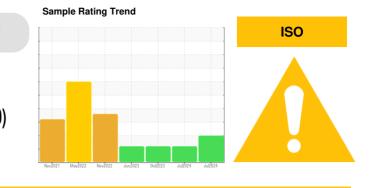


## **OIL ANALYSIS REPORT**

## Area BAGLINE HOLDING KETTLE A - 11531769 (S/N 87.6644008401.0001.21.10) **Refrigeration Compressor**

Fluic PETRO CANADA PURITY FG EP GEAR OIL 220 (1 GAL)



DIAGNOSIS	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Recommendation We recommend you service the filters on this	Sample Number		Client Info		USP0012263	USP0012255	USP0001358
	Sample Date		Client Info		11 Jul 2024	02 Jul 2024	10 Oct 2023
component if applicable. Resample at the next	Machine Age	hrs	Client Info		0	0	0
service interval to monitor.	Oil Age	hrs	Client Info		0	0	0
Vear	Oil Changed		Client Info		N/A	N/A	N/A
All component wear rates are normal.	Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
Contamination There is a high amount of particulates present in	WEAR METALS		method	limit/base	current	history1	history2
the oil.	Iron	ppm	ASTM D5185m	>8	33	2	23
Fluid Condition The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.	Chromium	ppm	ASTM D5185m	>2	0	0	0
	Nickel	ppm	ASTM D5185m		0	0	0
	Titanium	ppm	ASTM D5185m		0	0	0
	Silver	ppm	ASTM D5185m	>2	0	0	0
	Aluminum	ppm	ASTM D5185m	>3	5	1	6
	Lead	ppm	ASTM D5185m	>2	0	0	0
	Copper	ppm	ASTM D5185m		0	0	0
	Tin	ppm	ASTM D5185m		<1	<1	0
	Vanadium	ppm	ASTM D5185m		0	0	0
	Cadmium	ppm	ASTM D5185m		0	0	0
	ADDITIVES		method	limit/base	current	history1	history2
	Boron	ppm	ASTM D5185m		<1	0	0
	Barium	ppm	ASTM D5185m		0	0	0
	Molybdenum	ppm	ASTM D5185m		0	0	0
	Manganese	ppm	ASTM D5185m		<1	0	<1
	Magnesium	ppm	ASTM D5185m		0	0	2
	Calcium	ppm	ASTM D5185m		9	0	9
	Phosphorus	ppm	ASTM D5185m		571	576	556
	Zinc	ppm	ASTM D5185m		0	0	0
	Sulfur	ppm	ASTM D5185m		794	522	625
	CONTAMINANTS		method	limit/base		history1	history2
	Silicon	ppm	ASTM D5185m		14	2	10
	Sodium	ppm	ASTM D5185m		6	<1	4
	Potassium	ppm	ASTM D5185m	>20	1	<1	0
	Water	%	ASTM D6304		0.001	0.002	0.006
	ppm Water	ppm	ASTM D6304		3	25	62.3
	FLUID CLEANLI	NESS	method	limit/base	current	history1	history2
	Particles >4µm		ASTM D7647	>10000	🔺 196715	<u> </u>	▲ 198184
	Particles >6µm		ASTM D7647	>2500	<u> </u>	▲ 5638	<u> </u>
	Particles >14µm		ASTM D7647	>640	<b>A</b> 2670	305	417
	Particles >21µm		ASTM D7647	>160	<u> </u>	58	35
	Particles >38µm		ASTM D7647		7	1	1
	Particles >71µm		ASTM D7647		0	0	0
	Oil Cleanliness		ISO 4406 (c)			A 22/20/15	▲ 25/22/16
	FLUID DEGRAD	ATION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D974	0.51	0.46	0.72	0.45

Report Id: KRACED [WUSCAR] 06234983 (Generated: 07/15/2024 21:57:18) Rev: 1

Contact/Location: Service Manager - KRACED Page 1 of 2



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190

18

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205.8

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NONE

NONE

NONE

NORML

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current

Particle Count

Acid Number

May12/22

Nov14/22

491.52

122,88

30.72

1,920

480

120

30

08.0 (mg KOH/g) 0.00 (mg KOH/g)

틀 0.20

0.00 G

: 15 Jul 2024

Nov18/21

NEG

NEG

220

history1

NONE

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history

history1

NEG

NEG

222

history2

NONE

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history2

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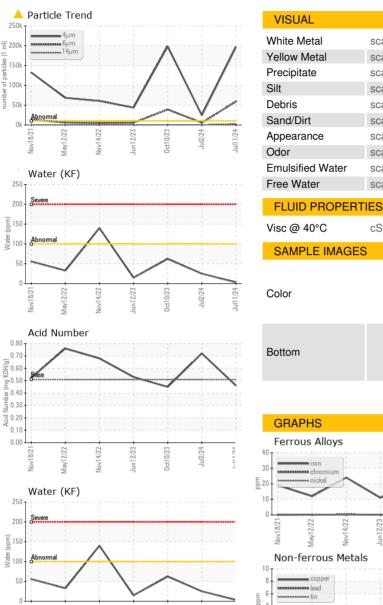
1406

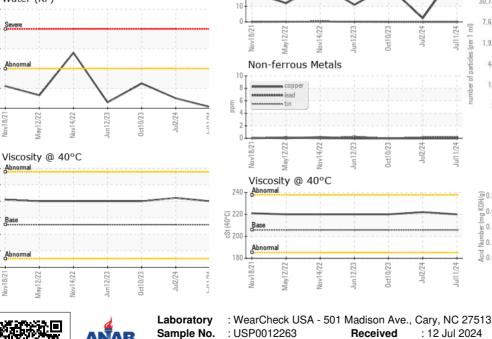
6661

NEG

NEG

220





KraftHeinz - Cedar Rapids - Plant 8370 4601 C ST SW CEDAR RAPIDS, IA : 15 Jul 2024 - Doug Bogart US 52404 Contact: Service Manager

38/

To discuss this sample report, contact Customer Service at 1-800-237-1369.

: 06234983

\* - 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)

Tested

Diagnosed

T: F:

Jul11/24

Report Id: KRACED [WUSCAR] 06234983 (Generated: 07/15/2024 21:57:19) Rev: 1

Certificate 12367

Lab Number

Unique Number : 11123817

Test Package : IND 2

Contact/Location: Service Manager - KRACED Page 2 of 2