

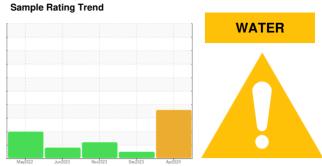
OIL ANALYSIS REPORT

BAGLINE

KETTLE 6 - BAG

Top Refrigeration Compressor

PETRO CANADA PURITY FG SYNTH EP GEAR 220 (--- GAL)



DIAGNOSIS

Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample.

Wear

The iron level is abnormal.

Contamination

Appearance is hazy. Moderate concentration of visible dirt/debris present in the oil. There is a light concentration of water present in the oil.

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		USP0006493	USP0004474	USP0003822
Sample Date		Client Info		21 Apr 2024	17 Dec 2023	26 Nov 2023
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				ABNORMAL	NORMAL	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>8	<u> 74</u>	50	1
Chromium	ppm	ASTM D5185m	>2	1	<1	0
Nickel	ppm	ASTM D5185m		<1	0	<1
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>3	2	0	0
Lead	ppm	ASTM D5185m	>2	0	0	0
Copper	ppm	ASTM D5185m	>8	<1	0	0
Tin	ppm	ASTM D5185m	>4	<1	0	<1
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		<1	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		<1	0	0
Molybdenum	ppm	ASTM D5185m		<1	0	0
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		1	0	<1
Calcium	ppm	ASTM D5185m		8	4	1
Phosphorus	ppm	ASTM D5185m		543	316	506
Zinc	ppm	ASTM D5185m		9	<1	0
Sulfur	ppm	ASTM D5185m		408	237	480
CONTAMINANTS	1	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	11	6	9
Sodium	ppm	ASTM D5185m		3	2	0
Potassium	ppm	ASTM D5185m	>20	1	0	2
Water	%	ASTM D6304	>0.01	△ 0.125	0.005	0.002
ppm Water	ppm	ASTM D6304	>100	1250	59	25
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000		198906	△ 49815
Particles >6µm		ASTM D7647	>2500		67391	4167
Particles >14μm		ASTM D7647	>640		302	32
Particles >21µm		ASTM D7647	>160		35	5
Particles >38µm		ASTM D7647	>40		1	0
Particles >71µm		ASTM D7647	>10		0	0
Oil Cleanliness		ISO 4406 (c)	>20/18/16		25/23/15	<u>\$\lambda\$</u> 23/19/12
FLUID DEGRADA	TION	method	limit/base	current	history1	history2



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

Test Package : IND 2

: USP0006493 Lab Number : 06156016 Unique Number : 10991439

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 22 Apr 2024 Tested

: 24 Apr 2024 Diagnosed : 24 Apr 2024 - Jonathan Hester

KraftHeinz - Cedar Rapids - Plant 8370

4601 C ST SW CEDAR RAPIDS, IA US 52404

Contact: Service Manager

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

 st - 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)

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F: