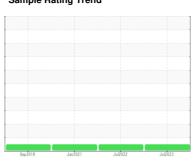


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



P3 MAIN POWER PACK

Component

Compressor

PETRO CANADA PURITY FG AW HYDRAULIC 46 (60 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

Fluid Condition

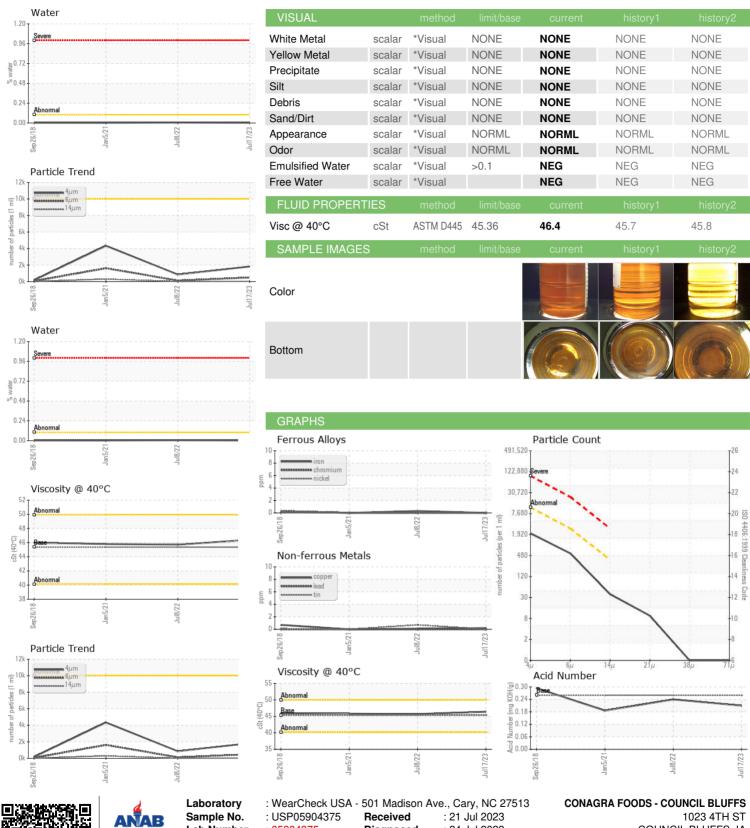
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

LIC 46 (60 GAL)		Sep201	8 Jan 2021	Jul2022 Ju	12023	
SAMPLE INFORM	/ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		USP05904375	USP233327	USP217412
Sample Date		Client Info		17 Jul 2023	08 Jul 2022	05 Jan 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
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>50	0	<1	0
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m		0	<1	0
Γitanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>25	<1	1	<1
_ead	ppm	ASTM D5185m	>25	0	0	0
Copper	ppm	ASTM D5185m	>50	<1	<1	0
rin	ppm	ASTM D5185m	>15	0	<1	0
Antimony	ppm	ASTM D5185m				0
/anadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES	ррпп	method	limit/base	current	history1	history2
Boron	nnm	ASTM D5185m	mmobase	0	<1	0
	ppm	ASTM D5185m		0	0	0
Barium Aalubdaaum	ppm			0		0
Molybdenum	ppm	ASTM D5185m			0	0
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		<1	0	0
Calcium	ppm	ASTM D5185m		0	0	0
Phosphorus	ppm	ASTM D5185m		472	410	420
Zinc	ppm	ASTM D5185m		1	<1	0
Sulfur	ppm	ASTM D5185m		580	627	384
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1	2	2
Sodium	ppm	ASTM D5185m		1	0	<1
Potassium	ppm	ASTM D5185m	>20	0	0	0
Vater	%	ASTM D6304		0.002	0.005	0.002
ppm Water	ppm	ASTM D6304	>1000	18.6	53.3	22.9
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	1827	851	4341
Particles >6µm		ASTM D7647	>2500	487	120	1614
Particles >14µm		ASTM D7647	>320	33	9	293
Particles >21µm		ASTM D7647	>80	8	2	112
Particles >38µm		ASTM D7647	>20	0	0	9
Particles >71µm		ASTM D7647	>4	0	0	0
Oil Cleanliness		ISO 4406 (c)	>20/18/15	18/16/12	17/14/10	19/18/15
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.26	0.21	0.24	0.186

Contact/Location: ? ? - CAGCOU



OIL ANALYSIS REPORT





Lab Number **Unique Number**

: 05904375 : 10565731 : IND 2

Diagnosed : 24 Jul 2023 Diagnostician : Doug Bogart COUNCIL BLUFFS, IA US 51503

Contact:

T: F:

Test Package Certificate L2367 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.

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