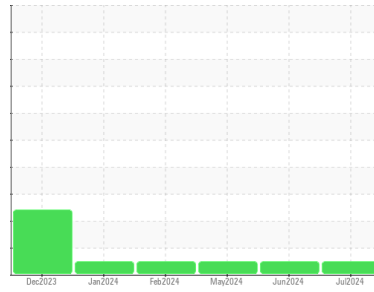


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id

14
Component
Compressor
Fluid

PETRO CANADA SENTRON ASHLESS 40 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the component.

Fluid Condition

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

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			PCA0117275	PCA0117268	PCA0112042
Sample Date	Client Info			08 Jul 2024	03 Jun 2024	02 May 2024
Machine Age	hrs	Client Info		145629	144799	144045
Oil Age	hrs	Client Info		1937	1107	353
Oil Changed	Client Info			Not Chngd	Not Chngd	Changed
Sample Status				NORMAL	NORMAL	NORMAL

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>0.1	NEG	NEG	NEG

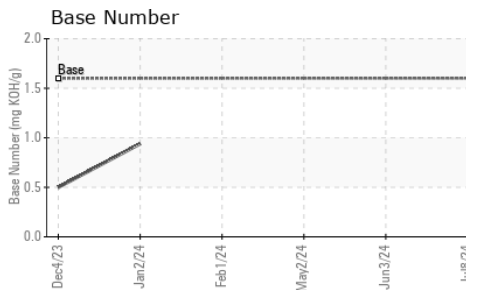
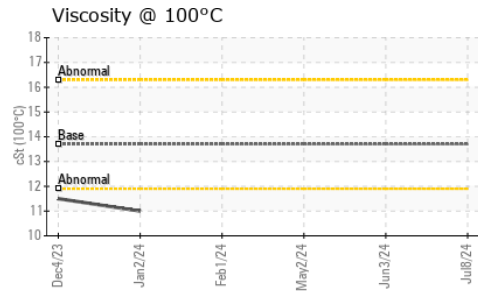
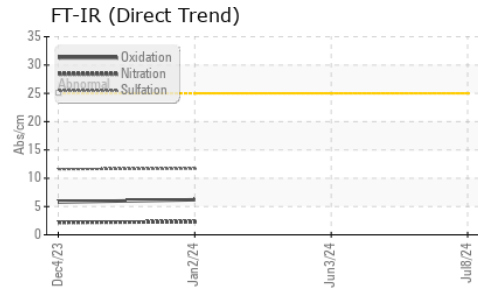
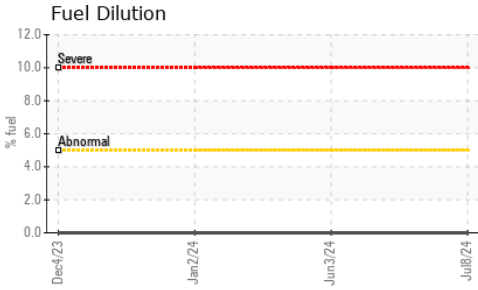
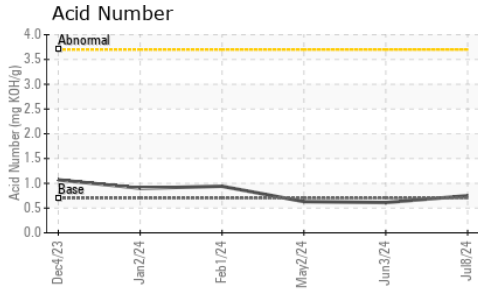
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	11	11	8
Chromium	ppm	ASTM D5185m	>10	<1	<1	<1
Nickel	ppm	ASTM D5185m		0	0	<1
Titanium	ppm	ASTM D5185m		<1	0	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	2	2	<1
Lead	ppm	ASTM D5185m	>25	<1	3	1
Copper	ppm	ASTM D5185m	>50	6	8	2
Tin	ppm	ASTM D5185m	>15	6	6	5
Vanadium	ppm	ASTM D5185m		<1	0	<1
Cadmium	ppm	ASTM D5185m		0	0	<1

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	106	61	88	92
Barium	ppm	ASTM D5185m	<1	0	0	0
Molybdenum	ppm	ASTM D5185m	<1	3	6	3
Manganese	ppm	ASTM D5185m	<1	0	2	<1
Magnesium	ppm	ASTM D5185m	<1	4	4	4
Calcium	ppm	ASTM D5185m		59	60	61
Phosphorus	ppm	ASTM D5185m	657	582	667	617
Zinc	ppm	ASTM D5185m		54	54	64
Sulfur	ppm	ASTM D5185m	255	172	310	332

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	3	4	4
Sodium	ppm	ASTM D5185m		<1	3	0
Potassium	ppm	ASTM D5185m	>20	4	6	2

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.7	0.75	0.61	0.63

OIL ANALYSIS REPORT



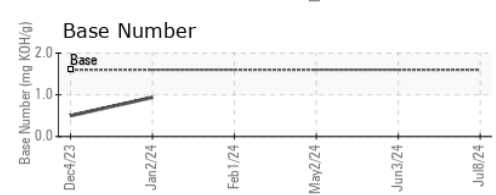
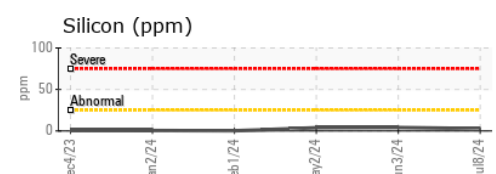
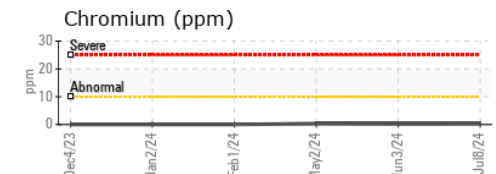
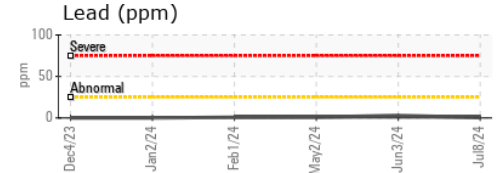
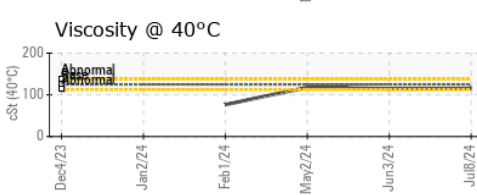
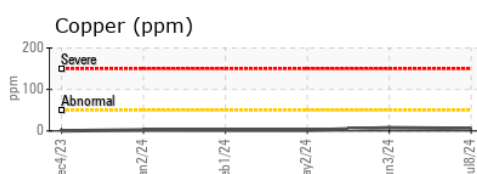
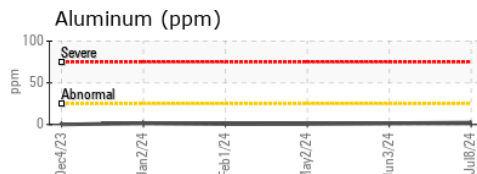
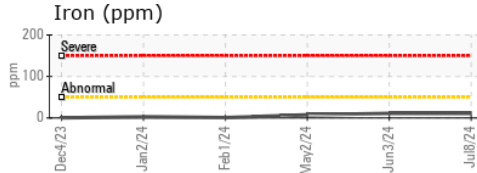
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	125.0	115.3	114.7

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color	no image	no image	no image
Bottom	no image	no image	no image

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0117275 **Received** : 16 Jul 2024
Lab Number : 06238563 **Tested** : 19 Jul 2024
Unique Number : 11127397 **Diagnosed** : 19 Jul 2024 - Doug Bogart
Test Package : MOB 2 (Additional Tests: FT-IR, FuelDilution, KV100, PercentFuel, TBN) **Contact:** CHARLES GREGORY
 To discuss this sample report, contact Customer Service at 1-800-237-1369. **cgregory@usacompression.com**

* - 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)