

Area
PO-4010
 Machine Id
QUINCY BU1010180005 - PEPSI
 Component
Compressor

DIAGNOSIS

- Recommendation**
 Oil and filter change at the time of sampling has been noted. 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 oil.
- Fluid Condition**
 The oil viscosity is higher than normal. Confirm oil type. The AN level is acceptable for this fluid.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		UCP06208816	UCP06104434	UCP05911305
Sample Date	Client Info		07 May 2024	21 Nov 2023	12 Jul 2023
Machine Age	hrs	Client Info	43064	39035	35942
Oil Age	hrs	Client Info	4000	6000	2000
Oil Changed		Client Info	Changed	Changed	Not Changed
Sample Status			ATTENTION	NORMAL	ATTENTION

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	0	0	<1
Chromium	ppm	ASTM D5185m >10	0	0	0
Nickel	ppm	ASTM D5185m	0	0	0
Titanium	ppm	ASTM D5185m	0	0	0
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >25	0	0	<1
Lead	ppm	ASTM D5185m >25	0	0	0
Copper	ppm	ASTM D5185m >50	1	2	4
Tin	ppm	ASTM D5185m >15	<1	<1	0
Vanadium	ppm	ASTM D5185m	0	<1	0
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 0	0	0	0
Barium	ppm	ASTM D5185m 0.4	0	0	<1
Molybdenum	ppm	ASTM D5185m 0.5	0	0	0
Manganese	ppm	ASTM D5185m 0.4	0	0	0
Magnesium	ppm	ASTM D5185m 0	0	0	<1
Calcium	ppm	ASTM D5185m 0.3	0	0	0
Phosphorus	ppm	ASTM D5185m 1376	337	285	549
Zinc	ppm	ASTM D5185m 0	16	32	69
Sulfur	ppm	ASTM D5185m 320	588	721	755

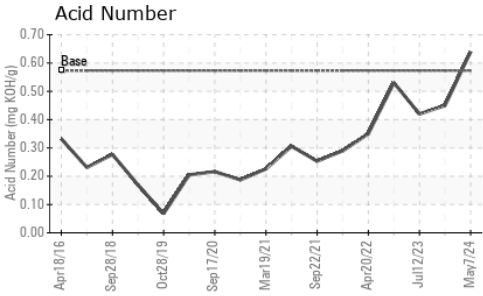
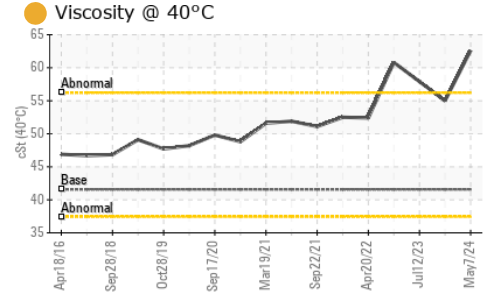
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	3	3	8
Sodium	ppm	ASTM D5185m	<1	1	5
Potassium	ppm	ASTM D5185m >20	0	0	1

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.573	0.64	0.45	0.42

OIL ANALYSIS REPORT

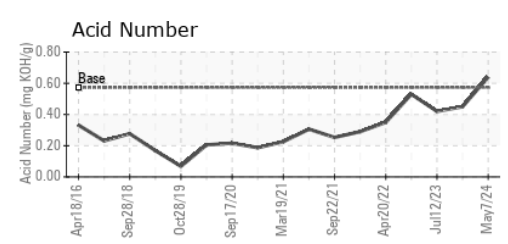
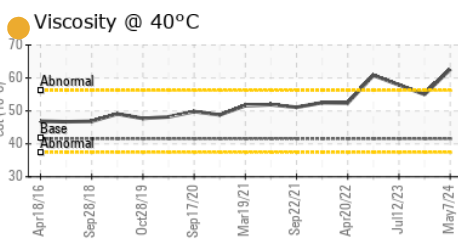
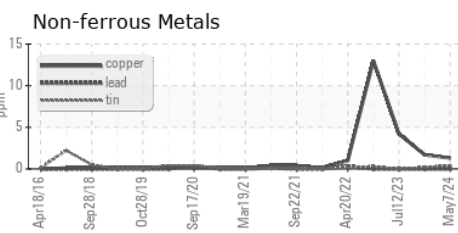
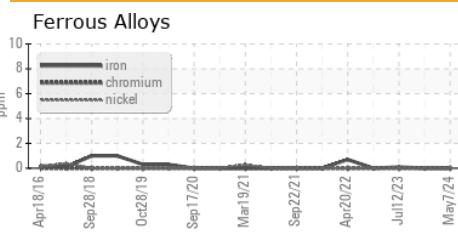


VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	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	41.57 ● 62.6	55.0	● 57.9

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCP06208816 **Received** : 13 Jun 2024
Lab Number : 06208816 **Tested** : 14 Jun 2024
Unique Number : 11076277 **Diagnosed** : 14 Jun 2024 - Angela Borella
Test Package : IND 2

PATTONS INC - RALEIGH
 2616 DISCOVERY DRIVE
 RALEIGH, NC
 US 27616
 Contact: AARON MCCOY
 aaron.mccoy@pattonsinco.com
 T: (919)872-6411
 F: (919)876-1961

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)