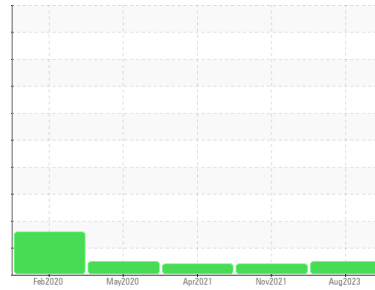


Area
PO-4010 [B12000099]
 Machine Id
QUINCY UN063304 - PILGRIMS PRIDE
 Component
Compressor



DIAGNOSIS

Recommendation

No corrective action is recommended at this time. The 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

Moderate concentration of visible dirt/debris 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 INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		UCP05923467	UCP05413315	UCP05244462
Sample Date	Client Info		02 Aug 2023	23 Nov 2021	16 Apr 2021
Machine Age	hrs	Client Info	30734	30595	27370
Oil Age	hrs	Client Info	54	3225	8241
Oil Changed	Client Info		Not Chngd	Not Chngd	Changed
Sample Status			NORMAL	ATTENTION	ABNORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	3	7	1
Chromium	ppm	ASTM D5185m >10	0	0	0
Nickel	ppm	ASTM D5185m	0	0	<1
Titanium	ppm	ASTM D5185m	0	0	0
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >25	0	<1	0
Lead	ppm	ASTM D5185m >25	0	0	<1
Copper	ppm	ASTM D5185m >50	2	9	2
Tin	ppm	ASTM D5185m >15	0	<1	<1
Antimony	ppm	ASTM D5185m	---	0	2
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 0	0	0	0
Barium	ppm	ASTM D5185m 0.4	0	0	0
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	2
Calcium	ppm	ASTM D5185m 0.3	0	0	0
Phosphorus	ppm	ASTM D5185m 1376	705	420	313
Zinc	ppm	ASTM D5185m 0	3	8	16
Sulfur	ppm	ASTM D5185m 320	410	602	348

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	1	1	<1
Sodium	ppm	ASTM D5185m	2	5	4
Potassium	ppm	ASTM D5185m >20	0	0	1

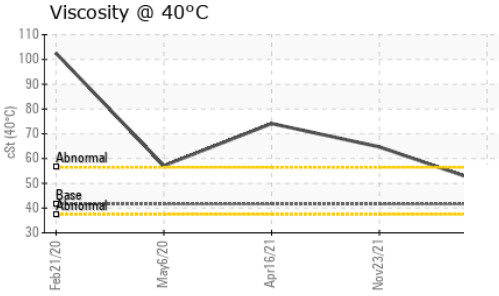
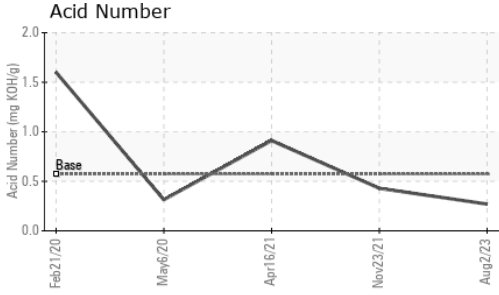
FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.573	0.27	0.429	0.911

VISUAL

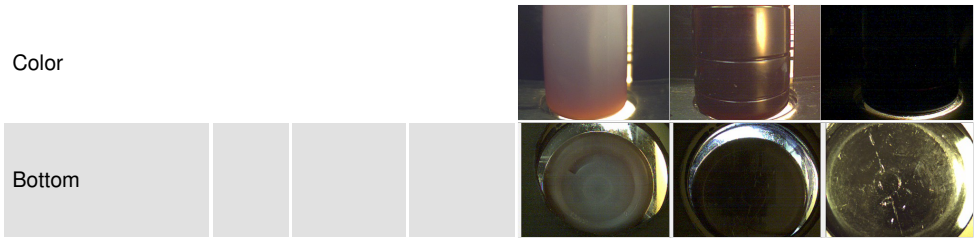
	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual NONE	NONE	NONE	NONE
Silt	scalar	*Visual NONE	NONE	NONE	NONE
Debris	scalar	*Visual NONE	MODER	MODER	NONE
Sand/Dirt	scalar	*Visual NONE	NONE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

OIL ANALYSIS REPORT

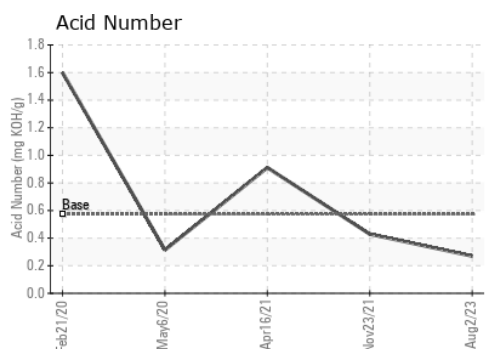
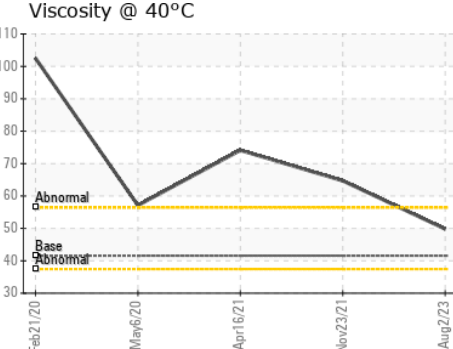
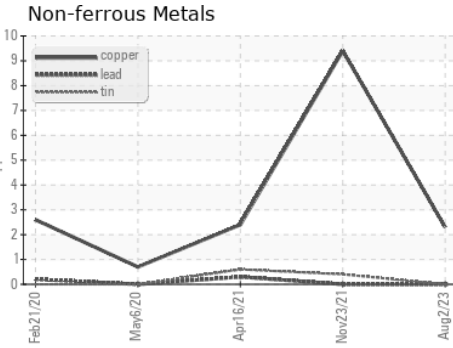
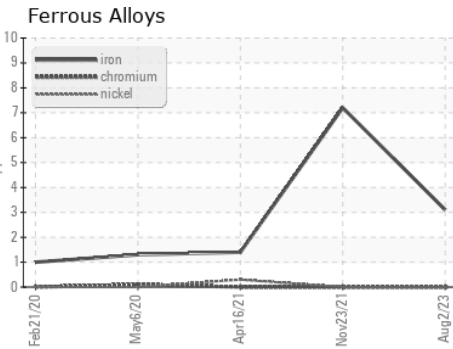


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	41.57	49.8	▲ 64.7	▲ 74.11

SAMPLE IMAGES		method	limit/base	current	history1	history2
---------------	--	--------	------------	---------	----------	----------



GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCP05923467 **Received** : 14 Aug 2023
Lab Number : 05923467 **Diagnosed** : 15 Aug 2023
Unique Number : 10603414 **Diagnostician** : Doug Bogart
Test Package : IND 2

PATTONS INC - BIRMINGHAM
 20 MONROE DR
 PELHAM, AL
 US 35124
 Contact: MARK FLOYD
 mark.floyd@pattonsinco.com
 T:
 F: (205)780-4508

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)