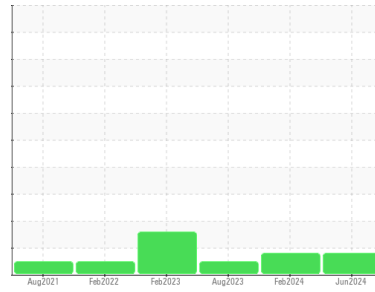




OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Machine Id
L25 MAPNER
 Component
Drive End Vacuum Pump
 Fluid
ROYAL PURPLE SYNFILM GT 220 (--- LTR)

DIAGNOSIS

Recommendation

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

The copper level is abnormal. All other component wear rates are normal.

Contamination

There is no indication of any contamination 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		RP0042219	RP0042230	RP0010989
Sample Date	Client Info		05 Jun 2024	28 Feb 2024	24 Aug 2023
Machine Age	hrs	Client Info	0	0	0
Oil Age	hrs	Client Info	0	0	0
Oil Changed	Client Info		Changed	Changed	Changed
Sample Status			ABNORMAL	ABNORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	0	0
Chromium	ppm	ASTM D5185m	>20	0	<1
Nickel	ppm	ASTM D5185m	>20	0	0
Titanium	ppm	ASTM D5185m		<1	0
Silver	ppm	ASTM D5185m		0	0
Aluminum	ppm	ASTM D5185m	>20	0	2
Lead	ppm	ASTM D5185m	>20	0	0
Copper	ppm	ASTM D5185m	>20	▲ 45	<1
Tin	ppm	ASTM D5185m	>20	0	<1
Vanadium	ppm	ASTM D5185m		<1	0
Cadmium	ppm	ASTM D5185m		0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0
Barium	ppm	ASTM D5185m		0	0
Molybdenum	ppm	ASTM D5185m		0	0
Manganese	ppm	ASTM D5185m		<1	0
Magnesium	ppm	ASTM D5185m		<1	<1
Calcium	ppm	ASTM D5185m		0	3
Phosphorus	ppm	ASTM D5185m		2	1
Zinc	ppm	ASTM D5185m		<1	0

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	<1	<1
Sodium	ppm	ASTM D5185m		1	0
Potassium	ppm	ASTM D5185m	>20	0	1
Water	%	ASTM D6304	>.1	0.005	0.001
ppm Water	ppm	ASTM D6304	>1000	51	2

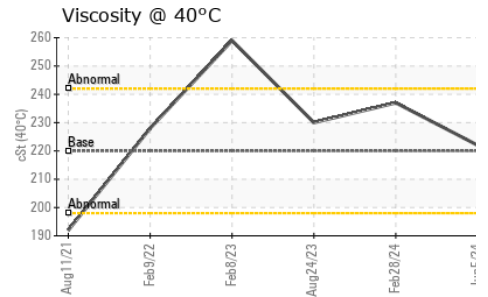
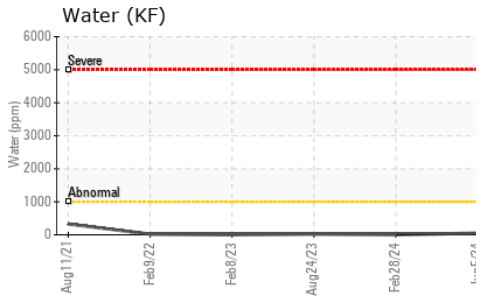
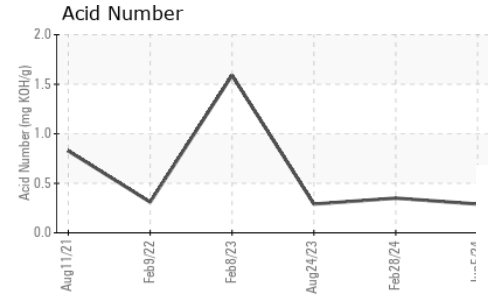
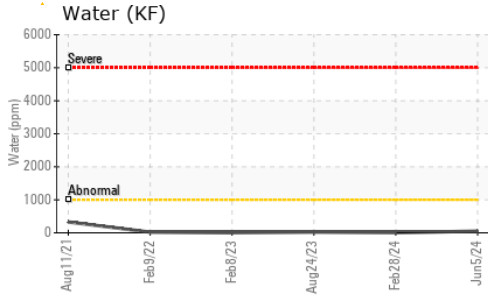
FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.29	0.35

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	▲ MODER
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	>.1	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG

OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 220	222	237	230

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

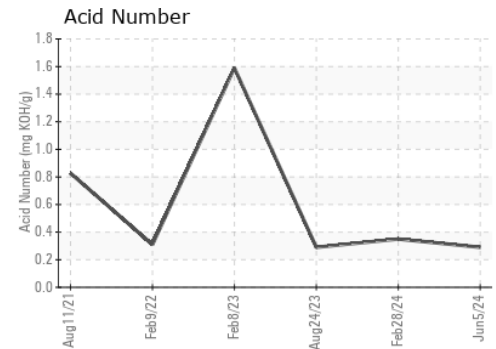
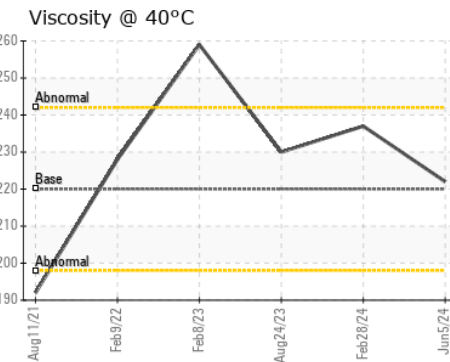
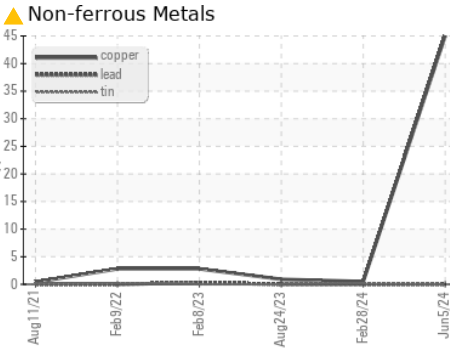
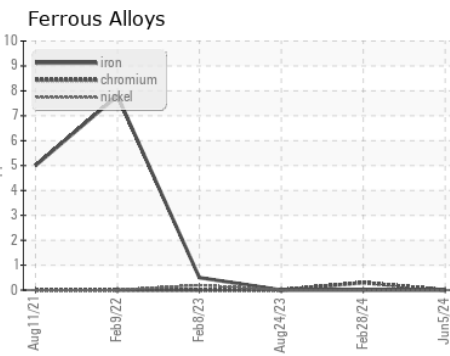
Color



Bottom



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : RP0042219
Lab Number : 06211762
Unique Number : 11084626
Test Package : IND 2
Received : 17 Jun 2024
Tested : 18 Jun 2024
Diagnosed : 18 Jun 2024 - Don Baldrige

PROCTER & GAMBLE
 3875 RESERVOIR RD
 LIMA, OH
 US 45801
 Contact: MATT PRINE
 prine.mp@pg.com
 T: (419)226-5500
 F: (419)226-5608

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)