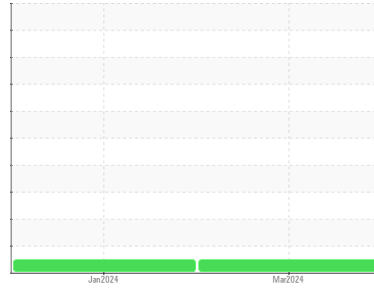




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
PNEUTECH PG-46 [282863]
 Machine Id
PNEUTECH AK100018486 - IP-48379
 Component
Compressor

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 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	UFD0001002	UFD0000513	---
Sample Date	Client Info	15 Mar 2024	18 Jan 2024	---
Machine Age	hrs	Client Info	0	5100
Oil Age	hrs	Client Info	1233	5100
Oil Changed	Client Info	Changed	Changed	---
Sample Status		NORMAL	NORMAL	---

CONTAMINATION

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

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >50	<1	0	---
Chromium	ppm ASTM D5185m >10	0	<1	---
Nickel	ppm ASTM D5185m	0	<1	---
Titanium	ppm ASTM D5185m	0	0	---
Silver	ppm ASTM D5185m	0	0	---
Aluminum	ppm ASTM D5185m >25	1	<1	---
Lead	ppm ASTM D5185m >25	0	0	---
Copper	ppm ASTM D5185m >50	2	1	---
Tin	ppm ASTM D5185m >15	0	<1	---
Vanadium	ppm ASTM D5185m	0	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	<1	<1	---
Manganese	ppm ASTM D5185m	0	<1	---
Magnesium	ppm ASTM D5185m	<1	<1	---
Calcium	ppm ASTM D5185m	3	1	---
Phosphorus	ppm ASTM D5185m	310	255	---
Zinc	ppm ASTM D5185m	52	0	---
Sulfur	ppm ASTM D5185m	581	79	---

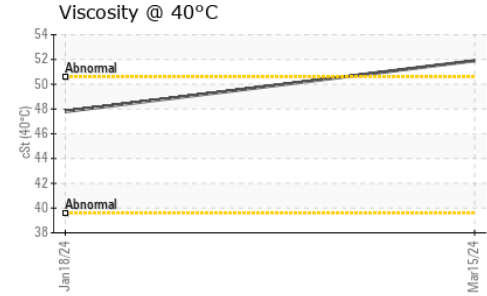
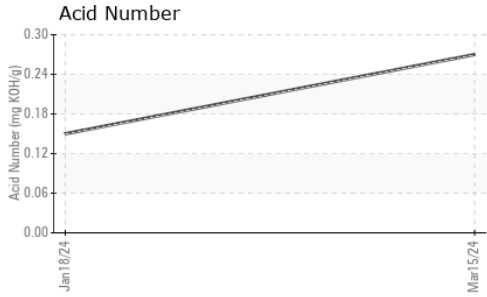
CONTAMINANTS

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

FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g ASTM D8045	0.27	0.15	---

OIL ANALYSIS REPORT



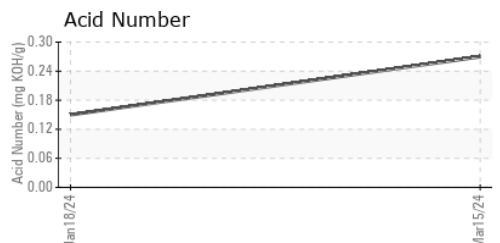
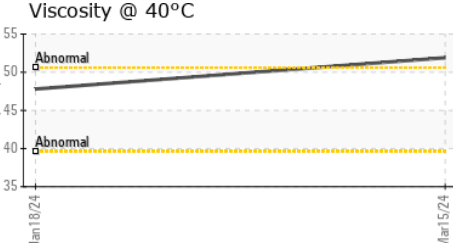
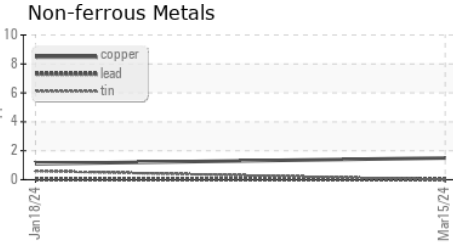
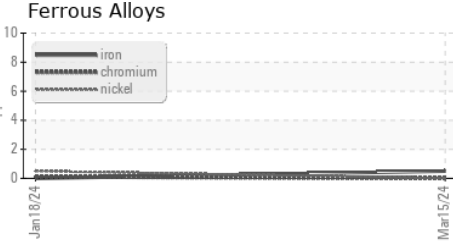
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	51.9	47.8	---

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UFD0001002 **Received** : 27 Mar 2024
Lab Number : 06130778 **Tested** : 28 Mar 2024
Unique Number : 10950243 **Diagnosed** : 01 Apr 2024 - Jonathan Hester
Test Package : IND 2

FLUID-AIRE DYNAMICS
 550 ALBION AVE
 SCHAUMBURG, IL
 US 60193
 Contact: ED DIENER
 ed.diener@fluidairedynamics.com
 T: (847)678-8388
 F:

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)