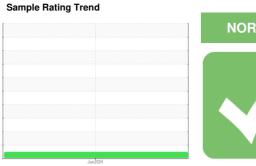


# **OIL ANALYSIS REPORT**

# PNEUTECH S-46 [288500] **GARDNER DENVER S216554 - MIDWEST TANK**

Component Compressor





### DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the

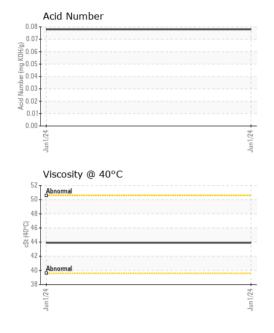
### **Fluid Condition**

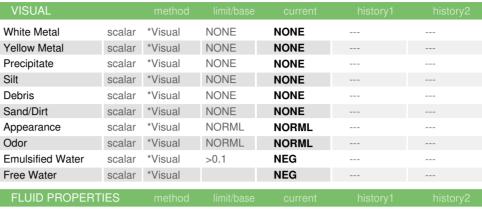
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UFD0001559		
Sample Date		Client Info		01 Jun 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION	V	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	2		
Lead	ppm	ASTM D5185m	>25	<1		
Copper	ppm	ASTM D5185m	>50	<1		
Tin	ppm	ASTM D5185m	>15	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		<1		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		0		
Phosphorus	ppm	ASTM D5185m		60		
Zinc	ppm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m		217		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	<1		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.078		



## **OIL ANALYSIS REPORT**





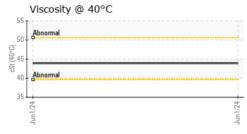
Visc @ 40°C	cSt	ASTM D445	43.9	 
SAMPLE IMAG	ES	method		history2

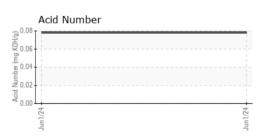


### **GRAPHS**



		Non-ferrous Metals
	10 T	
		copper
	8	**************************************
Ε	6-	**************************************
mdd	4 -	ii-
	2	-
	οl	
		Jun1/24 Jun1/24









Laboratory Sample No.

: UFD0001559

Lab Number : 06196805

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Unique Number : 11058928

Received : 31 May 2024 **Tested** : 03 Jun 2024

Diagnosed : 04 Jun 2024 - Don Baldridge

US 55306 Contact: Service Manager

14250 JUDICIAL ROAD

BURNSVILLE, MN

FLUID-AIRE DYNAMICS - (MN)

Test Package : IND 2 Certificate 12367 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)

F: Contact/Location: Service Manager - UCFLUBUR

T: