

## **OIL ANALYSIS REPORT**

Sample Rating Trend



### Area **PG-26** [290686] QUINCY ITJ255576 Component Compressor

### Recommendation

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

### Wear

All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the oil.

#### Fluid Condition

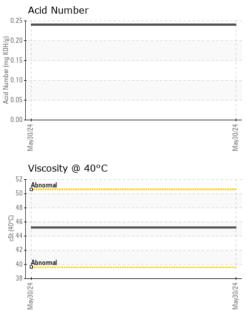
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UFD0002349		
Sample Date		Client Info		30 May 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		2000		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION	٧	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	0		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	0		
Lead	ppm	ASTM D5185m	>25	0		
Copper	ppm	ASTM D5185m	>50	0		
Tin	ppm	ASTM D5185m	>15	0		
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		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		0		
Phosphorus	ppm	ASTM D5185m		364		
Zinc	ppm	ASTM D5185m		13		
Sulfur	ppm	ASTM D5185m		45		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	17		
Sodium	ppm	ASTM D5185m		2		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.24		

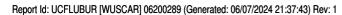


# **OIL ANALYSIS REPORT**

VISUAL



	VISUAL		method	limit/base	e 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			
1	Debris	scalar	*Visual	NONE	NONE			
	Sand/Dirt	scalar	*Visual	NONE	NONE			
May30/24	Appearance	scalar	*Visual	NORML	NORML			
May	Odor	scalar	*Visual	NORML	NORML			
	Emulsified Water	scalar	*Visual	>0.1	NEG			
	Free Water	scalar	*Visual		NEG			
	FLUID PROPERT	IES	method	limit/base	e current	history1	history2	
	Visc @ 40°C	cSt	ASTM D445		45.2			
			ASTIVI D44J		45.2			
	SAMPLE IMAGES	S	method	limit/base	e current	history1	history2	
May30.24	Color					• no image	no image	
	Bottom					no image	no image	
	GRAPHS							
	Ferrous Alloys							
	8 6 4 2 0 4 4 4 5 6 6 4 6 6 4 7 7 0 6 7 7 0 7 7 0 7 7 0 7 7 0 7 7 7 7			May30/24				
	Non-ferrous Metal	S						
	May30/24			May30/24				
	– Viscosity @ 40°C				Acid Numbe	٩r		
	55 Abnormal			B				
	2 30 2 45 40 35 40				1.00			
	May30/24			May30/24	May30/24		May30/24	
Sample No. Lab Number Unique Number Test Package	: UFD0002349 : 06200289 : 11062412 : IND 2	Recei Teste Diagr	Madison Ave., Cary, NC 27513   Received : 05 Jun 2024   Tested : 06 Jun 2024   Diagnosed : 06 Jun 2024 - Wes Davis			FLUID-AIRE DYNAMICS - (MN) 14250 JUDICIAL ROAD BURNSVILLE, MN US 55306 Contact: Service Manage		
discuss this sample report, Denotes test methods that a atements of conformity to sp	are outside of the ISO 1	7025 scc	ppe of accrea	litation.			T: F:	



Contact/Location: Service Manager - UCFLUBUR