

## **OIL ANALYSIS REPORT**

Sample Rating Trend

### Area **NOT** GIVEN [282501] PNEUTECH NL1523U15163 - PRECISION POLYMOR Component

Component Compressor

#### Dirici Voolo

#### Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

#### Contamination

Elemental level of silicon (Si) above normal.

#### Fluid Condition

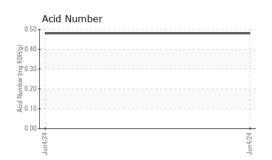
The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

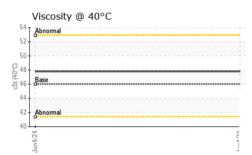
SAMPLE INFORM	ΛΑΤΙΟΝ	method	limit/base	current	history1	history2	
Sample Number		Client Info		UFD0001671			
Sample Date		Client Info		04 Jun 2024			
Machine Age	hrs	Client Info		75030			
Oil Age	hrs	Client Info		0			
Oil Changed	1110	Client Info		Not Changd			
Sample Status				ATTENTION			
CONTAMINATION		method limit/base		current	history1	history2	
	N				nistoryi		
Water		WC Method	>0.8	NEG			
WEAR METALS		method	limit/base	current	history1	history2	
ron	ppm	ASTM D5185m	>50	0			
Chromium	ppm	ASTM D5185m	>10	0			
Nickel	ppm	ASTM D5185m		0			
Titanium	ppm	ASTM D5185m		<1			
Silver	ppm	ASTM D5185m		0			
Aluminum	ppm	ASTM D5185m	>25	0			
Lead	ppm	ASTM D5185m	>25	0			
Copper	ppm	ASTM D5185m	>50	<1			
Tin	ppm	ASTM D5185m	>15	0			
Vanadium	ppm	ASTM D5185m		<1			
Cadmium	ppm	ASTM D5185m		0			
ADDITIVES		method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m	2	0			
Barium	ppm	ASTM D5185m	525	207			
Molybdenum	ppm	ASTM D5185m	10	0			
Manganese	ppm	ASTM D5185m		<1			
Magnesium	ppm	ASTM D5185m	5	0			
Calcium	ppm	ASTM D5185m	10	0			
Phosphorus	ppm	ASTM D5185m	250	210			
Zinc	ppm	ASTM D5185m	100	4			
Sulfur	ppm	ASTM D5185m	400	316			
CONTAMINANTS		method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m	>25	35			
Sodium	ppm	ASTM D5185m		31			
Potassium	ppm	ASTM D5185m	>20	2			
FLUID DEGRADA		method	limit/base	current	history1	history2	
Acid Number (AN)	mg KOH/g	ASTM D8045		0.48			



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	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		
Jun4/24	Appearance	scalar	*Visual	NORML	NORML		
- ٦	Odor	scalar	*Visual	NORML	NORML		
	Emulsified Water	scalar	*Visual	>0.8	NEG		
	Free Water	scalar	*Visual		NEG		
	FLUID PROPER	TIES	method	limit/base	current	history1	history2
	Visc @ 40°C	cSt	ASTM D445	46	47.8		
	SAMPLE IMAGE	S	method	limit/base	current	history1	history2
Jun4/24	Color					no image	no image
	Bottom					no image	no image
	GRAPHS Ferrous Alloys						
NC V1	udd 4 2 0 F2/fung			Jun4/24			
	Non-ferrous Meta	ls					
	ead in in in in in in in in in in			/24			
	Jun4/24			Jun4/24			
	Viscosity @ 40°C			0.50	Acid Number		
	Abnormal			(0.50) H 0.40 L 0.30 H 0.20 H 0.20 L 0.10 H 0.10			
	() 50 () 60 () 60 () 7 () 7 () 7 () 7 () 7 () 7 () 7 () 7			Ē 0.30	)		
	<sup>3</sup> / <sub>5</sub> Base				+		
	Abnormal			V pop	]		
	40 1 + 124 +				Jun4/24		. A C B cui
ooratory nple No. o Number	: WearCheck USA - 50 : UFD0001671 : 06211823	)1 Madisc Rece Teste	ived : 17	, NC 27513 7 Jun 2024 8 Jun 2024			RE DYNAMICS Tain view Re

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)

Certificate L2367

Contact/Location: Service Manager - UCFLUMOR

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