

OIL ANALYSIS REPORT

Area PNEUTECH PG-46 [SO-279684] Machine Td SULLIVAN PALATEK 1704270010 - POWDER COATING SOLUTIONS (S/N 1404270010) Component

Component Compressor

DIAGNOOIO

Recommendation

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

Wear

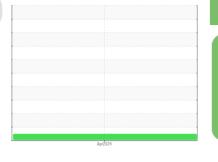
All component wear rates are normal.

Contamination

Moderate concentration of visible dirt/debris present in the oil.

Fluid Condition

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





NORMAL

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UFD0000685		
Sample Date		Client Info		30 Apr 2024		
Machine Age	hrs	Client Info		4250		
Oil Age	hrs	Client Info		1296		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION	۷	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	2		
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	0		
Copper	ppm	ASTM D5185m	>50	<1		
Tin	ppm	ASTM D5185m	>15	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
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		11		
Phosphorus	ppm	ASTM D5185m		87		
Zinc	ppm	ASTM D5185m		4		
Sulfur	ppm	ASTM D5185m		0		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	1		
Sodium	ppm	ASTM D5185m		6		
Potassium	ppm	ASTM D5185m	>20	2		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.076		

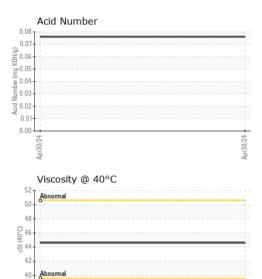
Sample Rating Trend



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Apr30/24

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	MODER				
	Sand/Dirt	scalar	*Visual	NONE	NONE				
Apr30/24	Appearance	scalar	*Visual	NORML	NORML				
Apri	Odor	scalar	*Visual	NORML	NORML				
	Emulsified Water	scalar	*Visual	>0.1	NEG				
- 	Free Water	scalar	*Visual		NEG				
	FLUID PROPERT	IES	method	limit/base	current	history1	history2		
	Visc @ 40°C	cSt	ASTM D445		44.6				
	SAMPLE IMAGES	3	method	limit/base	current	history1	history2		
Apr30/24 +	Color					• no image	no image		
	Bottom					no image	no image		
	udd 4 4 4 4 4 4 4 4 4 4 4 4 4 4			Apr30/24					
	Non-ferrous Metals	5		Api30.24					
	Viscosity @ 40°C				Acid Numbe	r			
	55 50 (200) 45 40 35 400 40 40 40 40 40 40 40 40 40 40 40 40			Apr30/24 Acid Number (mg K0H(g))'0 '0 '0 '0 '0 '0 '0 '0 '0 '0 '0 '0 '0 '	08		Apr30/24		
Certificate 12367 Test Package To discuss this sample report, * - Denotes test methods that							FLUID-AIRE DYNAMICS - (MN) 14250 JUDICIAL ROAD BURNSVILLE, MN US 55306 Contact: Service Manager T: M 106:2012) F:		

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Contact/Location: Service Manager - UCFLUBUR