

## **OIL ANALYSIS REPORT**

Sample Rating Trend

NORMAL

#### Area SFG 200 [266716] Machine Id PNEUTECH AK100011778 Component

**Compressor** Fluid

{not provided} (--- GAL)

#### 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.

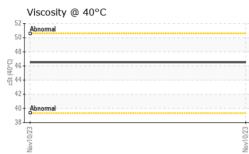
SAMPLE INFORM				Nov2023	hintow of	histow.0
	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UFD0000053		
Sample Date		Client Info		10 Nov 2023		
Machine Age	hrs	Client Info		9412		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION	١	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	<1		
Chromium	ppm	ASTM D5185m	>10	0		
Nickel	ppm	ASTM D5185m		1		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	<1		
Lead	ppm	ASTM D5185m	>25	0		
Copper	ppm	ASTM D5185m	>50	1		
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		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		4		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		1		
Phosphorus	ppm	ASTM D5185m		508		
Zinc	ppm	ASTM D5185m		35		
Sulfur	ppm	ASTM D5185m		239		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1		
Sodium	ppm	ASTM D5185m		2		
Potassium	ppm	ASTM D5185m	>20	1		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.15		



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Acid Number





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HS scal. sca	ar *Visual ar *Visual ar *Visual ar *Visual ar *Visual ar *Visual ar *Visual ar *Visual ASTM D445	NONE NONE NORML NORML >0.1	NONE NONE NORML NORML NEG NEG Current 46.5	    history1  history1	   history2  history2
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HO°C cSt LE IMAGES HS s Alloys	ASTM D445		46.5	no image	history2 no image
LE IMAGES HS s Alloys				no image	history2 no image
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<pre>echromium nickel rrous Metals acopper alead +tin</pre>		E E Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z			
ty @ 40°C		0.15 0.10 0.04(0) 0.05 0.00	Acid Number		
	ved : 20 osed : 22	ary, NC 27513 Nov 2023 Nov 2023	Nov10/23	550 SCH	RE DYNAMIC D ALBION AV AUMBURG, I US 6019 ct: ED DIENE
	eck USA - 501 Ma 00053 <b>Recei</b> 11 <b>Diagn</b>	eck USA - 501 Madison Ave., Ci 00053 <b>Received</b> : 20 11 <b>Diagnosed</b> : 22	eck USA - 501 Madison Ave., Cary, NC 27513 20053 Received : 20 Nov 2023 11 Diagnosed : 22 Nov 2023 55 Diagnostician : Don Baldridge	Acid Number Acid Number Acid Number Acid Number Acid Number Acid Number Difference Boots Received : 20 Nov 2023 Diagnosed : 22 Nov 2023 Diagnostician : Don Baldridge Stomer Service at 1-800-237-1369.	Acid Number Acid Number Acid Number Acid Number Acid Number Acid Number Acid Number Acid Number Acid Number Acid Number FLUID-AIF Diagnosed : 20 Nov 2023 SCH Diagnostician : Don Baldridge

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