

## **OIL ANALYSIS REPORT**

Area NOT GIVEN Machine Id CHAMPION D230122 - CUSTOM BUILT WINDOWS Component

Component Compressor

#### DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor.

### Wear

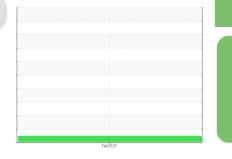
All component wear rates are normal.

#### 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 acceptable for the time in service.





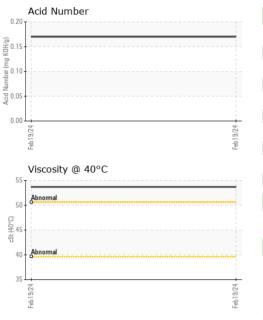
NORMAL

SAMPLE INFORM	NATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06144355		
Sample Date		Client Info		19 Feb 2024		
Machine Age	hrs	Client Info		15122		
Oil Age	hrs	Client Info		2161		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATIO	N	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	<1		
Nickel	ppm	ASTM D5185m		1		
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	2		
Tin	ppm	ASTM D5185m	>15	8		
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		<1		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		3		
Phosphorus	ppm	ASTM D5185m		174		
Zinc	ppm	ASTM D5185m		20		
Sulfur	ppm	ASTM D5185m		2476		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	6		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	1		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.17		

Sample Rating Trend



# **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	NONE			
	Sand/Dirt	scalar	*Visual	NONE	NONE			
Feb 19/24	Appearance	scalar	*Visual	NORML	NORML			
Feb	Odor	scalar	*Visual	NORML	NORML			
	Emulsified Water	scalar	*Visual	>0.1	NEG			
	Free Water	scalar	*Visual		NEG			
	FLUID PROPERT	TIES	method	limit/base	current	history1	history2	
	Visc @ 40°C	cSt	ASTM D445		53.7			
	SAMPLE IMAGES	S	method	limit/base	current	history1	history2	
Feb 19/24	Color					no image	no image	
	Bottom				•	no image	no image	
	Non-ferrous Metal	s		Feb19/24 Feb19/24 Feb19/24	Acid Numb	er		
	55 50 Abnormal			2.0 0.0 0.0 0.0 0.0 0.0 0.0				
	() 0 0 0 45 XS			E CI				
				a di n				
	1			Z 0.0	5			
	354			0.0	0			
	-eb 19,			eb 19,	-eb 19,			
Laboratory	: WearCheck USA - 50			, NC 27513 Apr 2024	Feb19/24	CAL SUPPLY COMPAN 259 MACKLIN S CRANSTON, US 029 Contact: SUE PARRILL sparrillo@calsupplycompany.cc T: (401)946-130		

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Contact/Location: SUE PARRILLO - UCCALCRA