

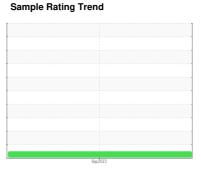
# **OIL ANALYSIS REPORT**



Area [19160] 5066 Component

**Front Left Final Drive** 

**CONOCO PHILLIPS 80** 





### Recommendation

Resample at the next service interval to monitor. ( Customer Sample Comment: ConocoPhillips 80w/90)

### Wear

All component wear rates are normal.

## Contamination

There is no indication of any contamination in the

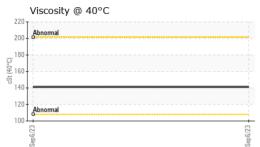
### **Fluid Condition**

The condition of the oil is acceptable for the time in service.

W90 ( GAL)						
	44TION			Sep2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0818720		
Sample Date		Client Info		06 Sep 2023		
Machine Age	hrs	Client Info		3425		
Oil Age	hrs	Client Info		1425		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>750	48		
Chromium	ppm	ASTM D5185m	>9	<1		
Nickel	ppm	ASTM D5185m	>10	<1		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>40	<1		
Lead	ppm	ASTM D5185m	>15	<1		
Copper	ppm	ASTM D5185m	>40	3		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		12		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		15		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		0		
Calcium	ppm	ASTM D5185m		15		
Phosphorus	ppm	ASTM D5185m		302		
Zinc	ppm	ASTM D5185m		7		
Sulfur	ppm	ASTM D5185m		19499		
CONTAMINANTS	5	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	4		
Sodium	ppm	ASTM D5185m	>51	0		
Potassium	ppm	ASTM D5185m	>20	<1		
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		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.075	NEG		
Free Water	scalar	*Visual		NEG		
FLUID PROPERT	ΓIES	method	limit/base	current	history1	history2

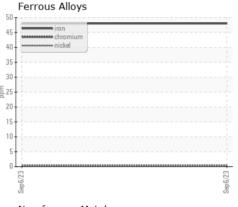


## **OIL ANALYSIS REPORT**

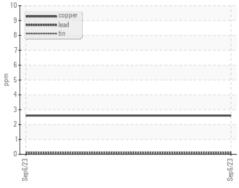


SAMPLE IMAGES	method	limit/base	current	history1	history2
Color			no image	no image	no image
Bottom			no image	no image	no image

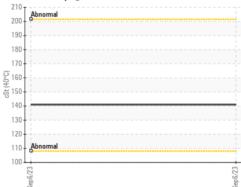
### **GRAPHS**



### Non-ferrous Metals



## Viscosity @ 40°C







Certificate L2367

Laboratory Sample No. Lab Number

: WC0818720 : 05968462 Unique Number : 10675013 Test Package : CONST

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 03 Oct 2023 Diagnosed : 04 Oct 2023 Diagnostician : Doug Bogart

MANHATTAN ROAD AND BRIDGE

5601 S 122ND E AVE TULSA, OK US 74146

Contact: JAMES STEELMON

james.steelmon@manhattanrb.com T:

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)

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