

## **OIL ANALYSIS REPORT**

# Sample Rating Trend



		102000 00200				
SAMPLE INFORM	IATION	method	limit/base	current	history1	history
Sample Number		Client Info		WC0722114	WC0346600	WC034659
Sample Date		Client Info		27 Sep 2023	14 Jul 2022	15 Jul 2020
Machine Age	mths	Client Info		0	32	8
Oil Age	mths	Client Info		0	1	0
Oil Changed		Client Info		N/A	Changed	Changed
Sample Status				ABNORMAL	NORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history
Iron	ppm	ASTM D5185m	>200	<b>A</b> 277	<1	<1
Chromium	ppm	ASTM D5185m	>5	2	0	0
Nickel	ppm	ASTM D5185m	>5	0	0	<1
Titanium	ppm	ASTM D5185m	>5	<1	0	0
Silver	ppm	ASTM D5185m		0	2	0
Aluminum	ppm	ASTM D5185m	>25	<1	<1	0
Lead	ppm	ASTM D5185m	>50	21	2	2
Copper	ppm	ASTM D5185m	>150	<u> </u>	35	27
Tin	ppm	ASTM D5185m	>10	<u> </u>	<1	0
Antimony	ppm	ASTM D5185m				0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		<1	0	0
ADDITIVES		method	limit/base	current	history1	history
Boron	ppm	ASTM D5185m		0	<1	0
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		<1	<1	0
Manganese	ppm	ASTM D5185m		5	0	0
Magnesium	ppm	ASTM D5185m		0	0	<1
Calcium	ppm	ASTM D5185m		39	56	78
Phosphorus	ppm	ASTM D5185m		340	363	323
Zinc	ppm	ASTM D5185m		401	446	398
Sulfur	ppm	ASTM D5185m		862	1055	1124
CONTAMINANTS		method	limit/base	current	history1	history
Silicon	ppm	ASTM D5185m	>25	10	1	2
Sodium	ppm	ASTM D5185m		4	0	2
Potassium	ppm	ASTM D5185m	>20	2	0	0
FLUID DEGRADA	TION	method	limit/base	current	history1	history
Acid Number (AN)	mg KOH/g	ASTM D8045		0.26	0.28	0.309
VISUAL		method	limit/base	current	history1	history
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	VLITE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Ont		*Visual	NONE		NONE	NONE
	scalar	visuai		LIGHT		
Debris	scalar scalar			LIGHT		NONE
Debris Sand/Dirt	scalar scalar scalar	*Visual	NONE	NONE	NONE	NONE NORML
Debris Sand/Dirt Appearance	scalar scalar	*Visual *Visual	NONE NORML	NONE NORML	NONE NORML	NORML
Debris Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE NORML NORML NEG

# 2 ID IB MOTOR

### Component

Bearing Fluid CHEVRON RANDO HD 68 (--- QTS)

#### DIAGNOSIS

#### Recommendation

We recommend an early resample to monitor this condition.

#### A Wear

The iron level is abnormal. Bearing and/or bushin wear is indicated.

#### Contamination

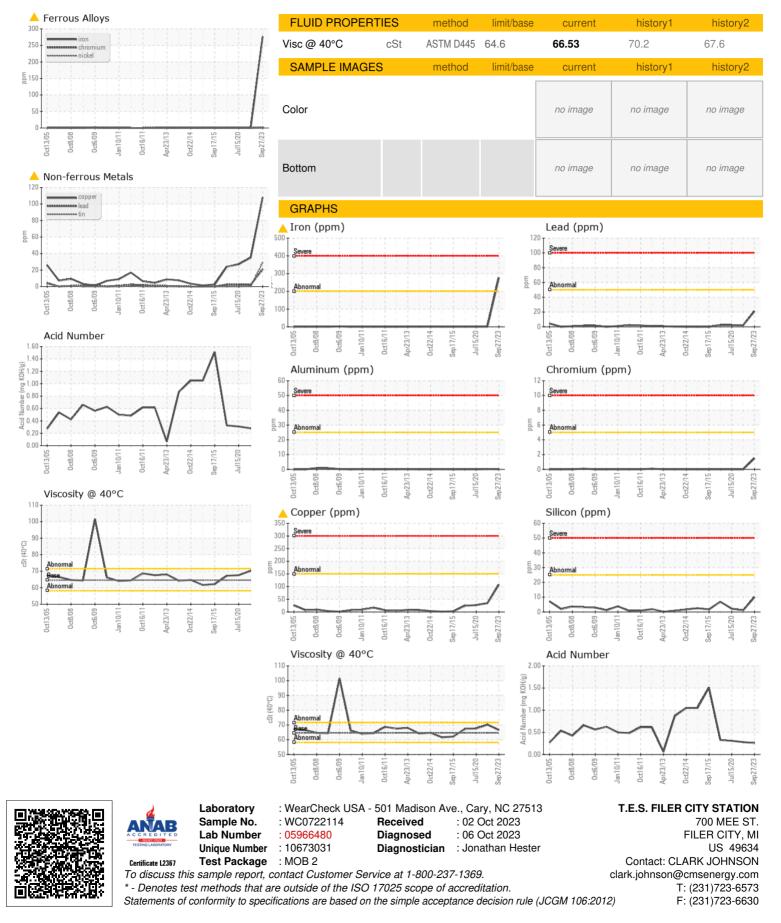
There is no indication of any contamination in the oil.

#### Fluid Condition

The AN level is acceptable for this fluid.



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Contact/Location: CLARK JOHNSON - TESFIL