



# OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area  
**T.M.B.**  
Machine Id  
**5502-CWC-200 (S/N 17)**  
Component  
**2 Gearbox**  
Fluid  
**CHEVRON CYLINDER OIL W ISO 680 (20 LTR)**

## RECOMMENDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>WC0902406</b>	WC0884533	WC0818931
Sample Date		Client Info		<b>14 Mar 2024</b>	06 Dec 2023	23 Aug 2023
Machine Age	hrs	Client Info		<b>0</b>	0	0
Oil Age	hrs	Client Info		<b>0</b>	0	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>N/A</b>	N/A	N/A
Filter Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	NORMAL	ABNORMAL

## WEAR

Les taux d'usure de tous les composants sont normaux.

PQ		ASTM D8184*		<b>0</b>	8	43
Iron	ppm	ASTM D5185(m)	>200	<b>16</b>	20	92
Chromium	ppm	ASTM D5185(m)	>15	<b>0</b>	0	<1
Nickel	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	<1	<1
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)		<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185(m)	>25	<b>1</b>	2	11
Lead	ppm	ASTM D5185(m)	>100	<b>0</b>	0	0
Copper	ppm	ASTM D5185(m)	>200	<b>1</b>	2	3
Tin	ppm	ASTM D5185(m)	>25	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE

## CONTAMINATION

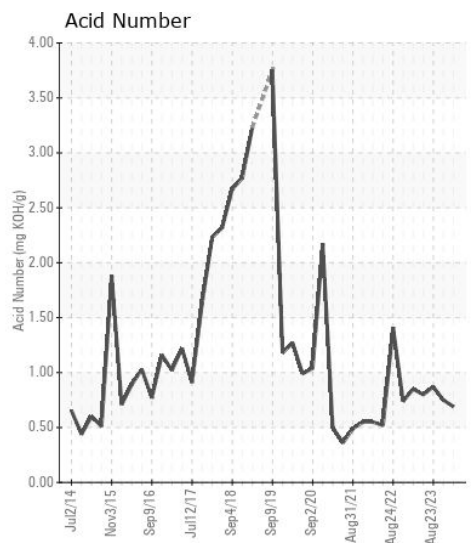
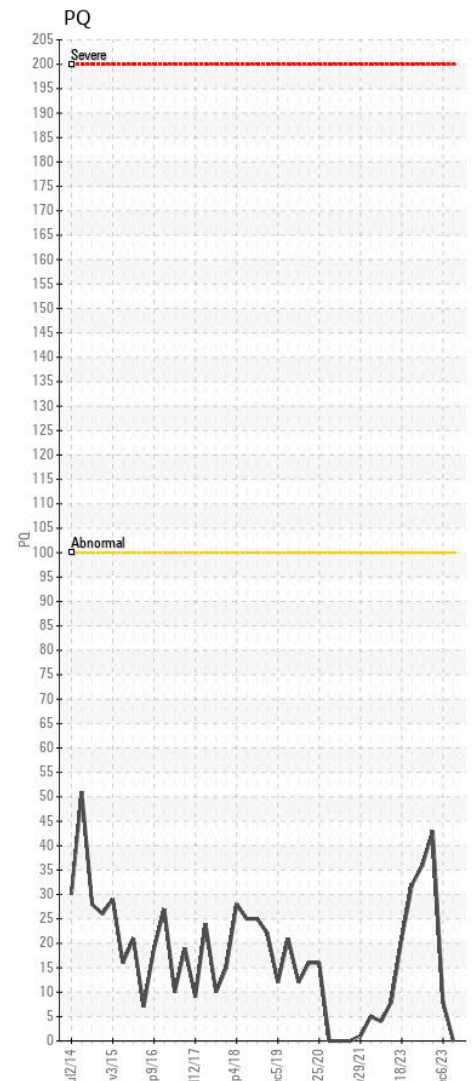
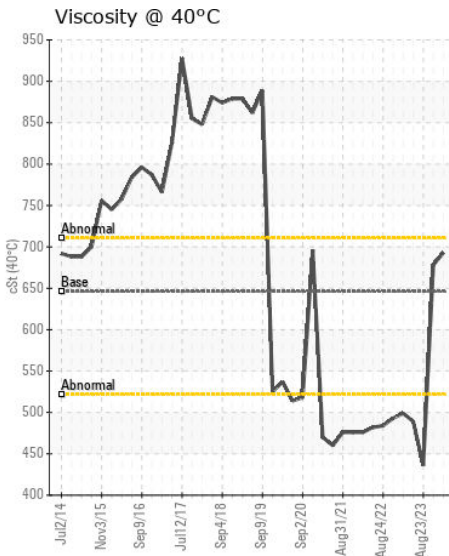
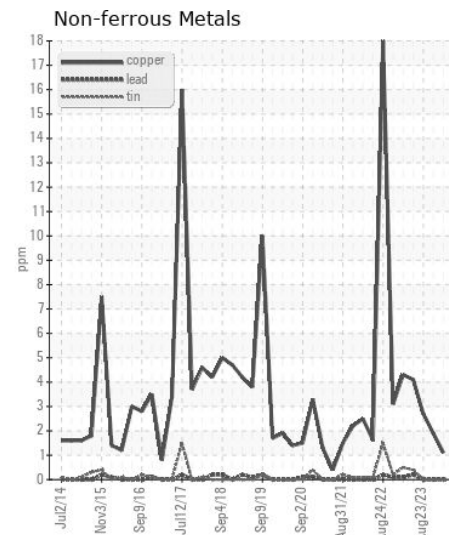
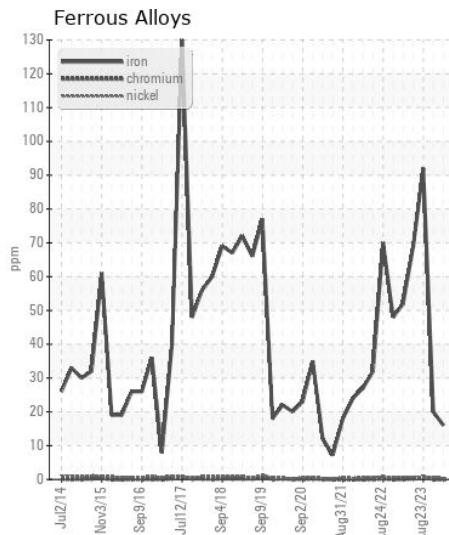
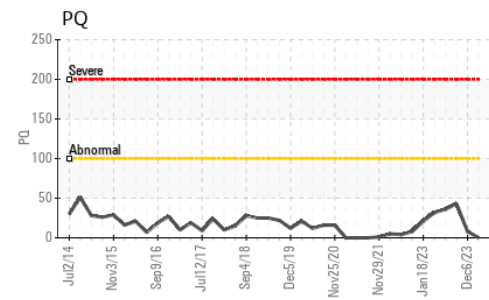
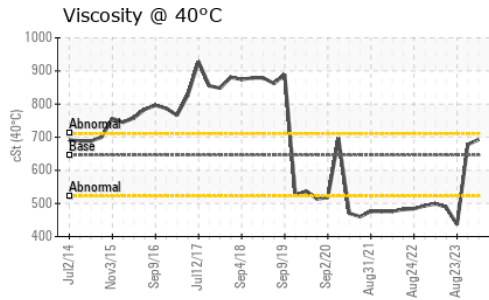
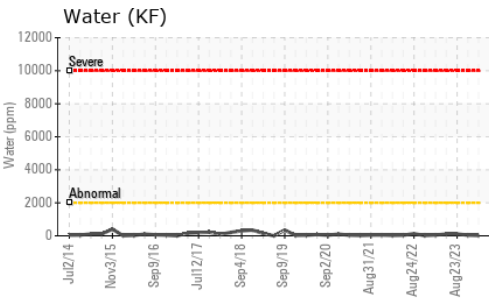
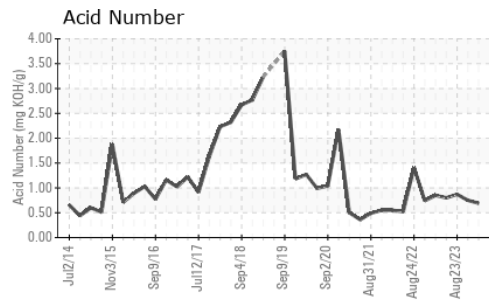
La teneur en eau est négligeable. Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>50	<b>1</b>	3	2
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	0	<1
Water	%	ASTM D6304*	>0.2	<b>0.002</b>	0.004	0.011
ppm Water	ppm	ASTM D6304*	>2000	<b>17</b>	41	114.0
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	Visual*	NONE	<b>NONE</b>	NONE	VLITE
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	Visual*	>0.2	<b>NEG</b>	NEG	NEG

## FLUID CONDITION

Le AN est acceptable pour ce fluide. L'état de l'huile permet d'en prolonger l'utilisation.

Sodium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	4
Boron	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	6
Barium	ppm	ASTM D5185(m)		<b>0</b>	<1	0
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Manganese	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Magnesium	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	<1
Calcium	ppm	ASTM D5185(m)		<b>0</b>	<1	2
Phosphorus	ppm	ASTM D5185(m)		<b>2</b>	2	76
Zinc	ppm	ASTM D5185(m)		<b>3</b>	3	17
Sulfur	ppm	ASTM D5185(m)		<b>3958</b>	4118	7049
Acid Number (AN)	mg KOH/g	ASTM D974*		<b>0.69</b>	0.75	0.87
Visc @ 40°C	cSt	ASTM D7279(m)	646	<b>693</b>	678	▲ 436



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0902406  
**Lab Number** : 02627526  
**Unique Number** : 5760658  
**Test Package** : IND 2 ( Additional Tests: KF, TAN Man )

**RTA - ALMA**  
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 ALMA, QC  
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To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 Validity of results and interpretation are based on the sample and information as supplied.