



# OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id  
**SUPREME 2TM6T012F**  
Component  
**Hydraulic System**  
Fluid  
**CHEVRON RANDO HDZ 46 (--- GAL)**

## RECOMMENDATION

We advise that you check for the source of water entry. We advise that you follow the water drain-off procedure for this component. We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. We recommend an early resample to monitor this condition.

## WEAR

All component wear rates are normal.

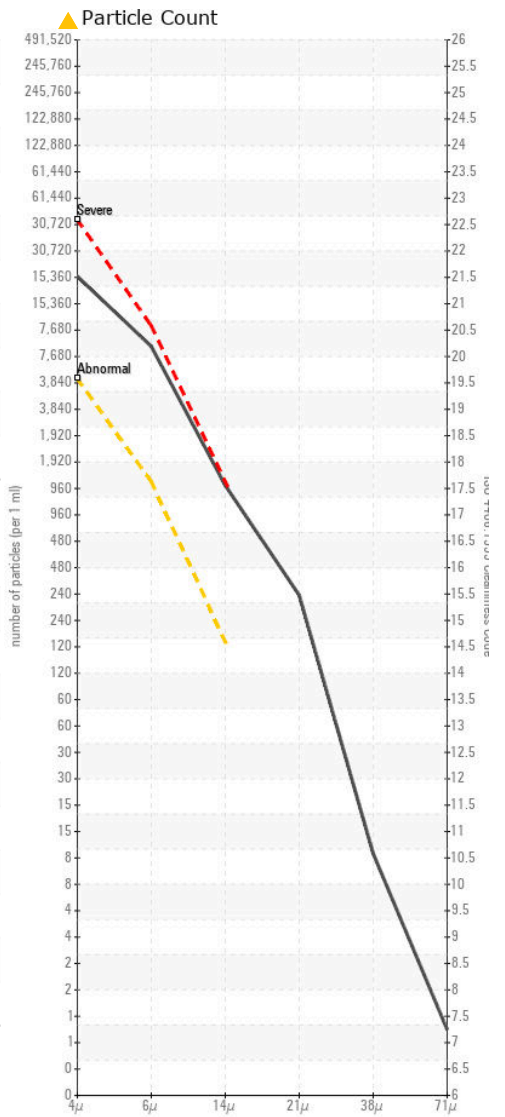
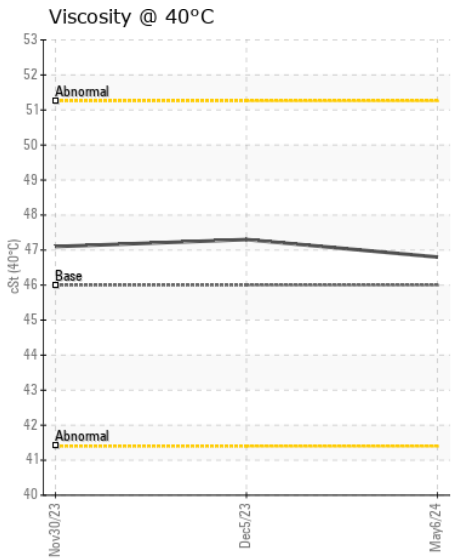
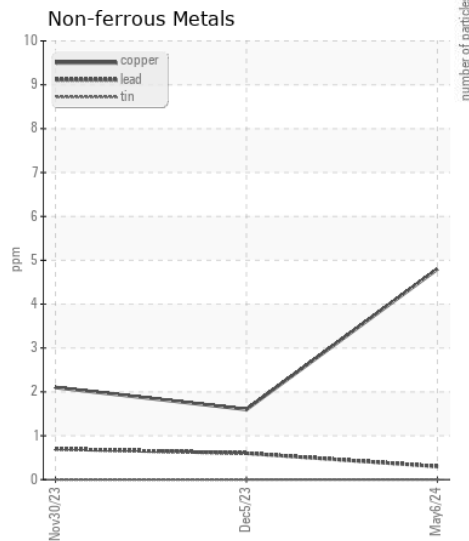
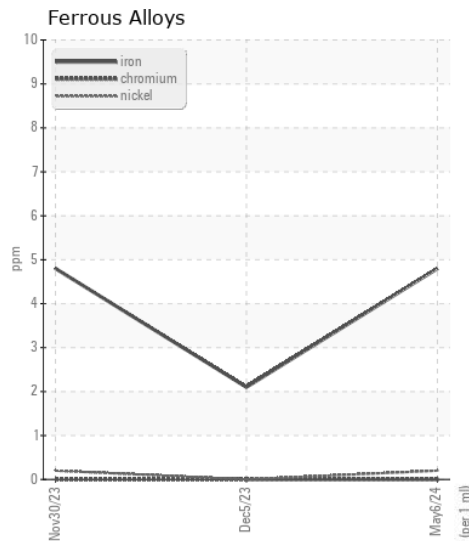
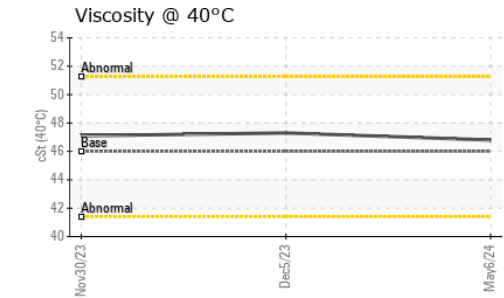
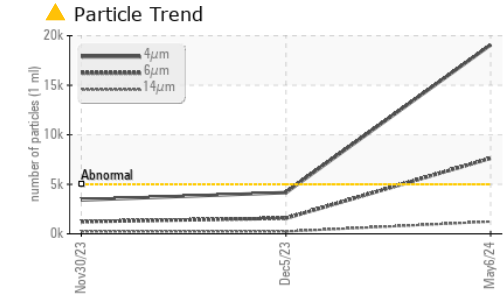
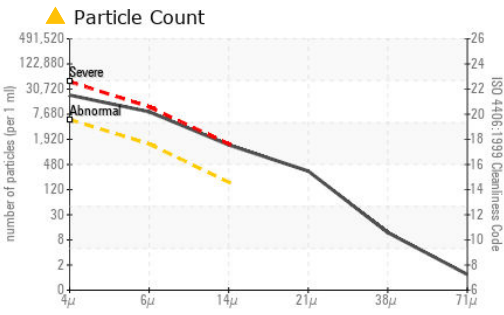
## CONTAMINATION

There is a moderate amount of particulates (2 to 100 microns in size) present in the oil. Free water present.

## FLUID CONDITION

The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>WC0737107</b>	WC0737105	WC0737106
Sample Date		Client Info		<b>06 May 2024</b>	05 Dec 2023	30 Nov 2023
Machine Age	hrs	Client Info		<b>0</b>	100	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>ABNORMAL</b>	ATTENTION	ATTENTION
Iron	ppm	ASTM D5185(m)	>20	<b>5</b>	2	5
Chromium	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Nickel	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	0	<1
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Aluminum	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	<1
Lead	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	<1
Copper	ppm	ASTM D5185(m)	>75	<b>5</b>	2	2
Tin	ppm	ASTM D5185(m)	>10	<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
Silicon	ppm	ASTM D5185(m)	>20	<b>0</b>	<1	<1
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	<1	<1
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Particles >4µm		ASTM D7647	>5000	<b>▲ 19075</b>	4162	3422
Particles >6µm		ASTM D7647	>1300	<b>▲ 7629</b>	1572	1231
Particles >14µm		ASTM D7647	>160	<b>▲ 1238</b>	239	237
Particles >21µm		ASTM D7647	>40	<b>▲ 294</b>	42	66
Particles >38µm		ASTM D7647	>10	<b>10</b>	2	5
Particles >71µm		ASTM D7647	>3	<b>1</b>	1	1
Oil Cleanliness		ISO 4406 (c)	>19/17/14	<b>▲ 21/20/17</b>	19/18/15	19/17/15
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	Visual*	NONE	<b>VLITE</b>	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	Visual*	NORML	<b>▲ WGOIL</b>	NORML	NORML
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	<b>.2%</b>	NEG	NEG
Sodium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1
Boron	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1
Barium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1
Molybdenum	ppm	ASTM D5185(m)		<b>2</b>	2	2
Manganese	ppm	ASTM D5185(m)		<b>0</b>	0	0
Magnesium	ppm	ASTM D5185(m)		<b>49</b>	48	48
Calcium	ppm	ASTM D5185(m)		<b>122</b>	113	114
Phosphorus	ppm	ASTM D5185(m)		<b>346</b>	345	347
Zinc	ppm	ASTM D5185(m)		<b>441</b>	437	442
Sulfur	ppm	ASTM D5185(m)		<b>921</b>	916	925
Visc @ 40°C	cSt	ASTM D7279(m)	46.0	<b>46.8</b>	47.3	47.1



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0737107  
**Lab Number** : 02633900  
**Unique Number** : 5775053  
**Test Package** : MOB 2  
**Received** : 07 May 2024  
**Tested** : 08 May 2024  
**Diagnosed** : 08 May 2024 - Kevin Marson

**ROYAL CURTIS FARMS**  
 Creemore, ON  
 CA  
 Contact: Service Manager

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.

T:  
F: