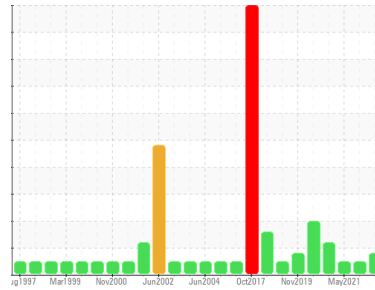




# OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Machine Id  
**41P11 TR-E**

Component  
**Reduction Gear**

Fluid  
**MOBIL SHC 630 (30 LTR)**

## DIAGNOSIS

### Recommendation

Aucune mesure corrective n'est recommandée pour l'instant. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

### Wear

Le taux de cuivre est marginal. Les taux d'usure de tous les autres composants sont normaux.

### Contamination

Il n'y a aucun indice de contamination dans l'huile.

### Fluid Condition

L'état de l'huile est acceptable pour la durée de service.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>WC0912848</b>	WC0760701	WC0557422
Sample Date	Client Info		<b>20 Mar 2024</b>	02 Feb 2023	04 May 2021
Machine Age	hrs	Client Info	<b>0</b>	0	0
Oil Age	hrs	Client Info	<b>0</b>	0	0
Oil Changed	Client Info		<b>N/A</b>	N/A	N/A
Sample Status			<b>ATTENTION</b>	NORMAL	NORMAL

## CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	<b>NEG</b>	NEG	NEG

## WEAR METALS

	method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185(m)	>117	<b>32</b>	16	6
Chromium	ppm	ASTM D5185(m)	>2	<b>0</b>	0	<1
Nickel	ppm	ASTM D5185(m)	>2	<b>2</b>	1	1
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Silver	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Aluminum	ppm	ASTM D5185(m)	>11	<b>2</b>	1	1
Lead	ppm	ASTM D5185(m)	>10	<b>1</b>	1	1
Copper	ppm	ASTM D5185(m)	>55	<b>73</b>	50	15
Tin	ppm	ASTM D5185(m)	>15	<b>10</b>	6	3
Antimony	ppm	ASTM D5185(m)	>5	<b>0</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Beryllium	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Cadmium	ppm	ASTM D5185(m)		<b>0</b>	0	<1

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	<1	<1	1
Barium	ppm	ASTM D5185(m)	<b>0</b>	0	<1
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)	<1	0	1
Calcium	ppm	ASTM D5185(m)	<1	0	2
Phosphorus	ppm	ASTM D5185(m)	<b>427</b>	496	451
Zinc	ppm	ASTM D5185(m)	<b>2</b>	2	2
Sulfur	ppm	ASTM D5185(m)	<b>297</b>	182	223
Lithium	ppm	ASTM D5185(m)	<1	<1	1

## CONTAMINANTS

	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185(m)	>50	<b>13</b>	15	18
Sodium	ppm	ASTM D5185(m)	<1	<1	1	
Potassium	ppm	ASTM D5185(m)	>20	<b>0</b>	0	<1

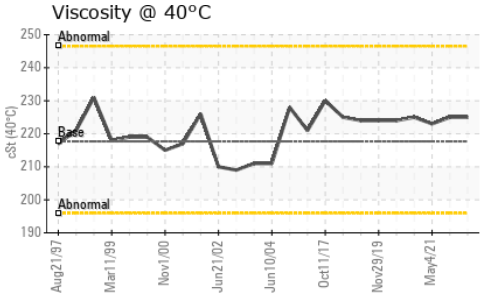
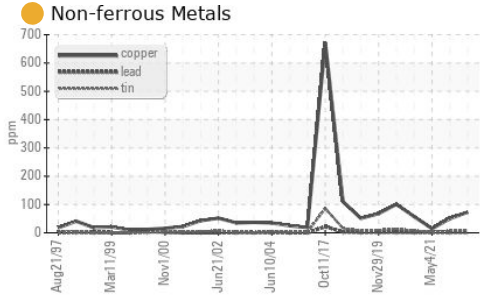
## INFRA-RED

	method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	<b>0</b>	0	0
Nitration	Abs/cm	ASTM D7624*	<b>4.6</b>	3.1	4.6
Sulfation	Abs.1mm	ASTM D7415*	<b>14.1</b>	13.3	14.7

## FLUID DEGRADATION

	method	limit/base	current	history1	history2
Oxidation	Abs.1mm	ASTM D7414*	<b>6.4</b>	4.3	6.2

# OIL ANALYSIS REPORT

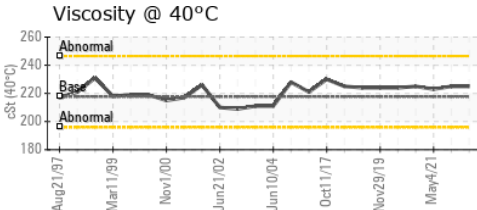
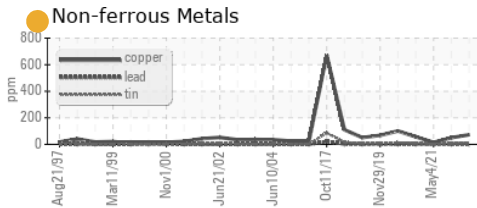
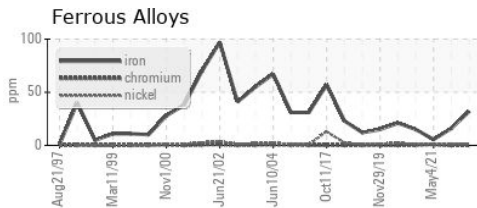


PARAMETER	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG
Free Water	scalar	Visual*		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	217.7	225	223

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

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0912848 **Received** : 27 Mar 2024  
**Lab Number** : 02625054 **Tested** : 27 Mar 2024  
**Unique Number** : 5750173 **Diagnosed** : 27 Mar 2024 - Kevin Marson  
**Test Package** : IND 1 ( Additional Tests: FT-IR )

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.

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