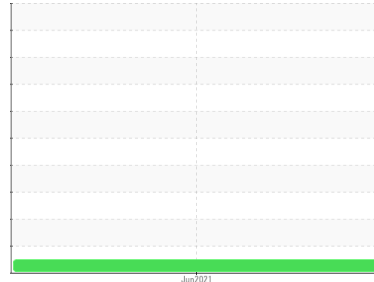




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Machine Id  
**IRVING 50% MOBIL 50%**

Component  
**Unknown Component**

Fluid  
**IRVING MTX 3040 50% MOBIL GUARD 430 50% (--- GAL)**

## DIAGNOSIS

### Recommendation

This is a baseline read-out on the submitted sample.

### Wear

{not applicable}

### Contamination

{not applicable}

### Fluid Condition

{not applicable}

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>PP</b>	---	---
Sample Date	Client Info		<b>21 Jun 2021</b>	---	---
Machine Age	hrs	Client Info	<b>0</b>	---	---
Oil Age	hrs	Client Info	<b>0</b>	---	---
Oil Changed	Client Info		<b>N/A</b>	---	---
Sample Status			<b>NORMAL</b>	---	---

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	<b>3</b>	---	---
Chromium	ppm	ASTM D5185(m)	<b>0</b>	---	---
Nickel	ppm	ASTM D5185(m)	<b>0</b>	---	---
Titanium	ppm	ASTM D5185(m)	<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---
Aluminum	ppm	ASTM D5185(m)	<b>3</b>	---	---
Lead	ppm	ASTM D5185(m)	<b>0</b>	---	---
Copper	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---
Tin	ppm	ASTM D5185(m)	<b>0</b>	---	---
Antimony	ppm	ASTM D5185(m)	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---
Beryllium	ppm	ASTM D5185(m)	<b>0</b>	---	---
Cadmium	ppm	ASTM D5185(m)	<b>0</b>	---	---

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	<b>2</b>	---	---
Barium	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---
Molybdenum	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---
Manganese	ppm	ASTM D5185(m)	<b>1</b>	---	---
Magnesium	ppm	ASTM D5185(m)	<b>40</b>	---	---
Calcium	ppm	ASTM D5185(m)	<b>10156</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	<b>277</b>	---	---
Zinc	ppm	ASTM D5185(m)	<b>301</b>	---	---
Sulfur	ppm	ASTM D5185(m)	<b>6040</b>	---	---
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---

## CONTAMINANTS

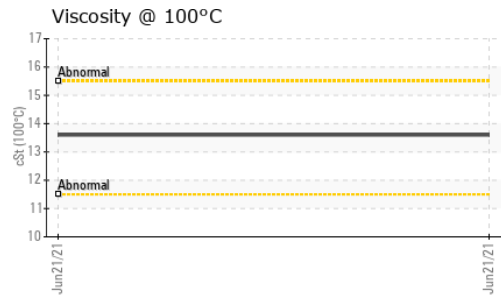
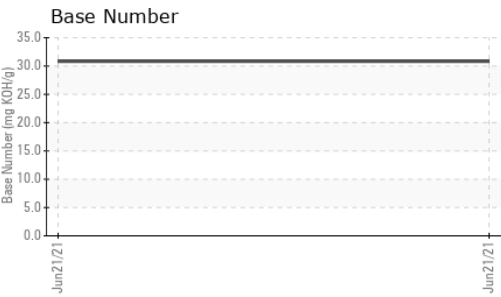
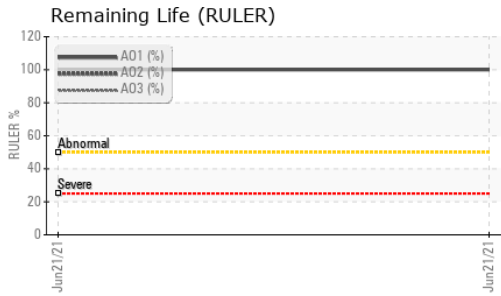
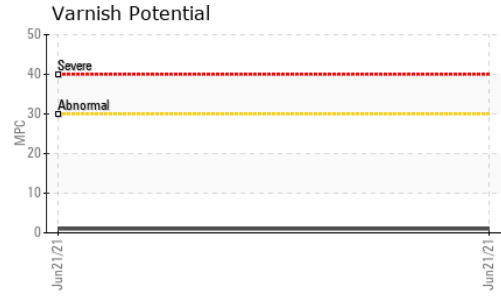
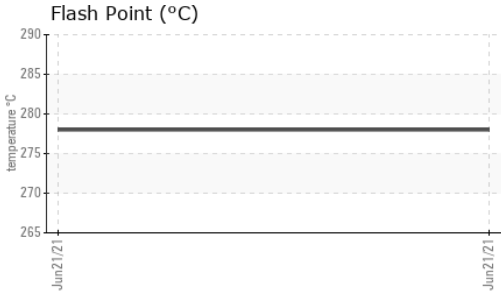
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	<b>15</b>	---	---
Sodium	ppm	ASTM D5185(m)	<b>3</b>	---	---
Potassium	ppm	ASTM D5185(m) >20	<b>2</b>	---	---

## FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	<b>1.25</b>	---	---
Base Number (BN)	mg KOH/g	ASTM D2896*	<b>30.83</b>	---	---
Anti-Oxidant 1	%	ASTM D6971* <25	<b>100</b>	---	---
MPC Varnish Potential	Scale	ASTM D7843(m)* >15	<b>1</b>	---	---



# OIL ANALYSIS REPORT

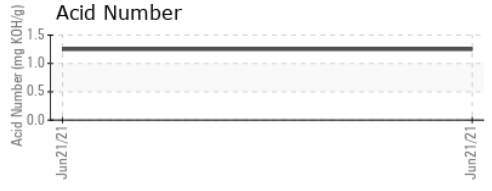
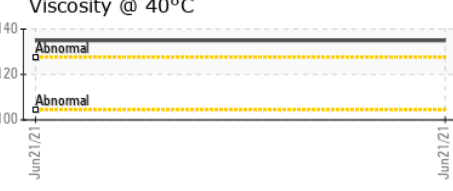
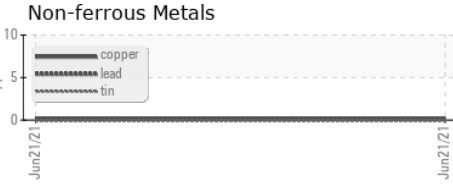
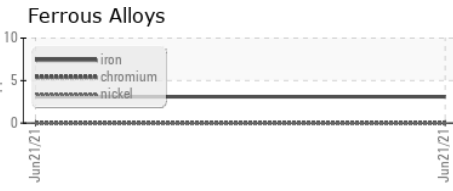


VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Precipitate	scalar	Visual*	NONE	NONE	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	135	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	13.6	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	95	---	---
Pour Point	°C	ASTM D97*	-12	---	---
COC Flash Point	°C	ASTM D92*	278	---	---

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

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PP **Received** : 22 Jun 2021  
**Lab Number** : 02428967 **Diagnosed** : 30 Jun 2021  
**Unique Number** : 5240468 **Diagnostician** : Bill Quesnel  
**Test Package** : TEST ( Additional Tests: COC Flash, ICP, KV100, KV40, MPC, PourPt, RULer, TAN Auto, TAN Man, TBN, VIContact: Fernand Bouffard

**Distributions F. Bouffard Inc**  
 375 Chemin Principal  
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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.

MPC (Varnish Test)



Sample Color & Clarity



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