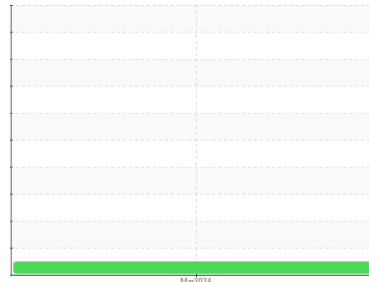




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Machine Id  
**COMPETITIVE-PSFD PD-032724-6**  
 Component  
**Unknown Component**  
 Fluid  
**{not provided} (--- GAL)**

## DIAGNOSIS

### Recommendation

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

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>PP</b>	---	---
Sample Date	Client Info		<b>31 Mar 2024</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>	---	---

## CONTAMINATION

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

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm ASTM D5185(m)		<b>0</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>0</b>	---	---
Aluminum	ppm ASTM D5185(m)		<b>0</b>	---	---
Lead	ppm ASTM D5185(m)		<b>0</b>	---	---
Copper	ppm ASTM D5185(m)		<b>0</b>	---	---
Tin	ppm ASTM D5185(m)		<b>0</b>	---	---
Antimony	ppm ASTM D5185(m)		<b>0</b>	---	---
Vanadium	ppm ASTM D5185(m)		<b>0</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>&lt;1</b>	---	---
Barium	ppm ASTM D5185(m)		<b>0</b>	---	---
Molybdenum	ppm ASTM D5185(m)		<b>0</b>	---	---
Manganese	ppm ASTM D5185(m)		<b>0</b>	---	---
Magnesium	ppm ASTM D5185(m)		<b>&lt;1</b>	---	---
Calcium	ppm ASTM D5185(m)		<b>77</b>	---	---
Phosphorus	ppm ASTM D5185(m)		<b>335</b>	---	---
Zinc	ppm ASTM D5185(m)		<b>431</b>	---	---
Sulfur	ppm ASTM D5185(m)		<b>750</b>	---	---
Lithium	ppm ASTM D5185(m)		<b>&lt;1</b>	---	---

## CONTAMINANTS

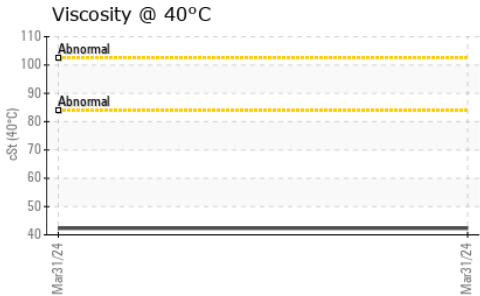
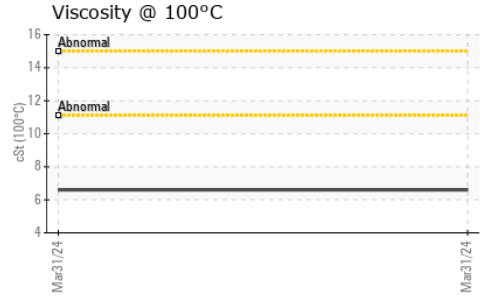
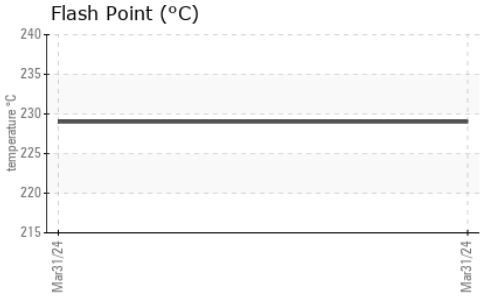
	method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m)		<b>0</b>	---	---
Sodium	ppm ASTM D5185(m)		<b>0</b>	---	---
Potassium	ppm ASTM D5185(m)	>20	<b>0</b>	---	---

## VISUAL

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



# OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	<b>42.3</b>	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	<b>6.6</b>	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	<b>107</b>	---	---
Pour Point	°C	ASTM D97*	<b>-36</b>	---	---
COC Flash Point	°C	ASTM D92*	<b>229</b>	---	---

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

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PP  
**Lab Number** : 02625871  
**Unique Number** : 5759003  
**Test Package** : TEST ( Additional Tests: COC Flash, ICP, KV100, KV40, PourPt, VI )

**FORSYTHE LUBRICATION**  
 120 CHATHAM ST.  
 HAMILTON, ON  
 CA L8P 2B5

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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