



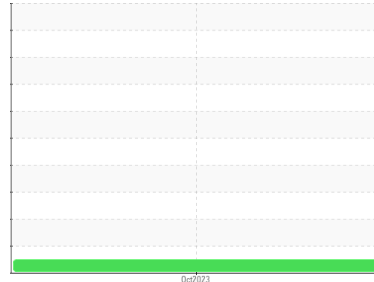
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
MUNICIPALITE DE ST-SULPICE [E09062023A]
 Machine Id
CASE 580 SN WT JJGN58WTVPC782377
 Component
Reference New (Unused) Oil
 Fluid
PANOLIN HLP SYNTH 46 (129 LTR)



DIAGNOSIS

Recommendation

Il s'agit du relevé de base de l'échantillon soumis.

Wear

{sans objet}

Contamination

{sans objet}

Fluid Condition

{sans objet}

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	WC	---	---
Sample Date	Client Info	23 Oct 2023	---	---
Machine Age	hrs Client Info	5	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		NORMAL	---	---

WEAR METALS

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

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185(m)	0	---	---
Barium	ppm ASTM D5185(m)	<1	---	---
Molybdenum	ppm ASTM D5185(m)	0	---	---
Manganese	ppm ASTM D5185(m)	0	---	---
Magnesium	ppm ASTM D5185(m)	<1	---	---
Calcium	ppm ASTM D5185(m)	<1	---	---
Phosphorus	ppm ASTM D5185(m)	1700 1601	---	---
Zinc	ppm ASTM D5185(m)	<1	---	---
Sulfur	ppm ASTM D5185(m)	1350 1327	---	---
Lithium	ppm ASTM D5185(m)	<1	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m)	<1	---	---
Sodium	ppm ASTM D5185(m)	<1	---	---
Potassium	ppm ASTM D5185(m)	>20 0	---	---

INFRA-RED

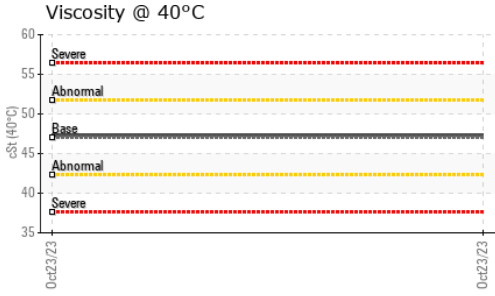
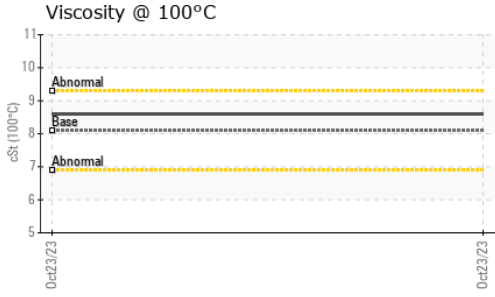
method	limit/base	current	history1	history2
Soot %	% ASTM D7844*	0	---	---
Nitration	Abs/cm ASTM D7624*	4.1	---	---
Sulfation	Abs/.1mm ASTM D7415*	159.2	---	---

FLUID DEGRADATION

method	limit/base	current	history1	history2
Oxidation	Abs/.1mm ASTM D7414*	153.4	---	---




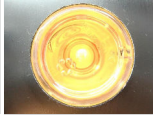
OIL ANALYSIS REPORT



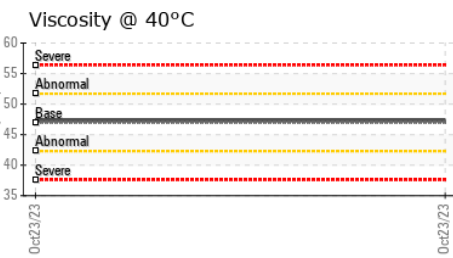
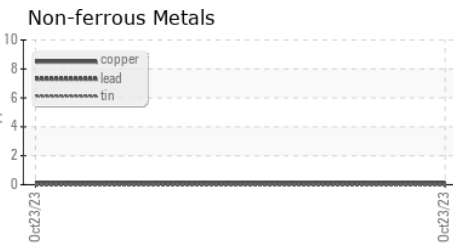
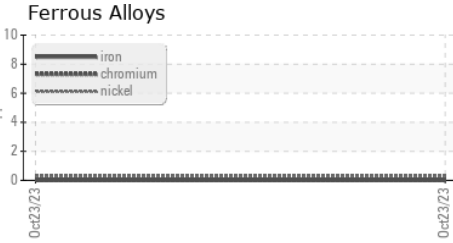
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Precipitate	scalar	Visual*	NONE	NONE	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
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)	47.0	47.3	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	8.1	8.6	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	146	161	---	---

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. : WC **Received** : 30 Oct 2023
Lab Number : **02592788** **Diagnosed** : 31 Oct 2023
Unique Number : 5669867 **Diagnostician** : Bill Quesnel
Test Package : TEST (Additional Tests: ICP-NewOil)

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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.