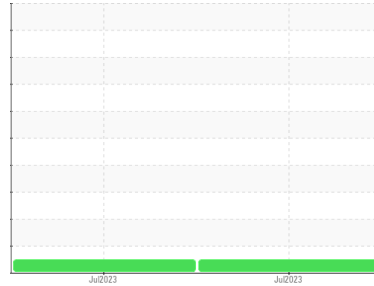




Machine Id  
**130-41-5501**

Component  
**Unknown Component**

Fluid  
**THERMAL LUBE XL 8525 046 (--- GAL)**



## DIAGNOSIS

### Recommendation

Vu la faible quantité d'informations pour cet équipement et son lubrifiant, les recommandations sont d'ordre général et peuvent ne pas s'appliquer à cette application. Veuillez nous transmettre les informations sur l'équipement, la contenance du réservoir, le type de lubrifiant et toute autre information pertinente pour une évaluation plus précise. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. À NOTER: S.V.P. inclure, avec le prochain échantillon, des détails de la capacité du réservoir et le type et le degré de filtration. Veuillez fournir des données plus complètes lors du prochain échantillon.

### Wear

Les taux d'usure des composants semblent être normaux (non confirmé).

### Contamination

Il n'y a aucune indication de contamination dans le composant (non confirmée).

### Fluid Condition

La viscosité de l'échantillon se situe dans la portée de l'ISO 46; nous vous conseillons de vérifier.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>PC0077356</b>	PC0077352	---
Sample Date	Client Info		<b>26 Jul 2023</b>	26 Jul 2023	---
Machine Age	hrs	Client Info	<b>0</b>	0	---
Oil Age	hrs	Client Info	<b>0</b>	0	---
Oil Changed	Client Info		<b>Changed</b>	Changed	---
Sample Status			<b>NORMAL</b>	NORMAL	---

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	<b>0</b>	<1	---
Chromium	ppm	ASTM D5185(m)	<b>0</b>	0	---
Nickel	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	---
Titanium	ppm	ASTM D5185(m)	<b>0</b>	0	---
Silver	ppm	ASTM D5185(m)	<b>0</b>	0	---
Aluminum	ppm	ASTM D5185(m)	<b>0</b>	0	---
Lead	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	---
Copper	ppm	ASTM D5185(m)	<b>12</b>	34	---
Tin	ppm	ASTM D5185(m)	<b>0</b>	<1	---
Antimony	ppm	ASTM D5185(m)	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185(m)	<b>0</b>	0	---
Beryllium	ppm	ASTM D5185(m)	<b>0</b>	0	---
Cadmium	ppm	ASTM D5185(m)	<b>0</b>	0	---

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	---
Barium	ppm	ASTM D5185(m)	<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185(m)	<b>0</b>	0	---
Manganese	ppm	ASTM D5185(m)	<b>0</b>	0	---
Magnesium	ppm	ASTM D5185(m)	<b>1</b>	8	---
Calcium	ppm	ASTM D5185(m)	<b>47</b>	48	---
Phosphorus	ppm	ASTM D5185(m)	<b>314</b>	259	---
Zinc	ppm	ASTM D5185(m)	<b>351</b>	297	---
Sulfur	ppm	ASTM D5185(m)	<b>2342</b>	1651	---
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	---

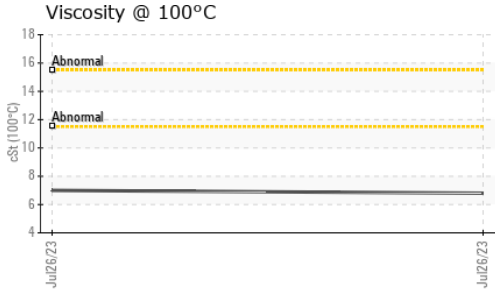
## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	<b>&lt;1</b>	2	---
Sodium	ppm	ASTM D5185(m)	<b>&lt;1</b>	2	---
Potassium	ppm	ASTM D5185(m) >20	<b>0</b>	0	---

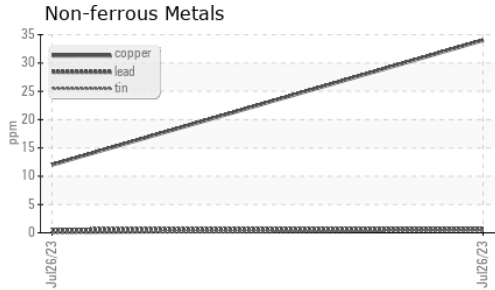
## VISUAL

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

# OIL ANALYSIS REPORT

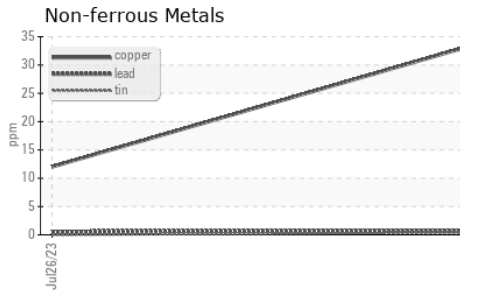


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)		<b>44.2</b>	44.5	---
Visc @ 100°C	cSt	ASTM D7279(m)		<b>6.8</b>	7	---
Viscosity Index (VI)	Scale	ASTM D2270*		<b>108</b>	115	---



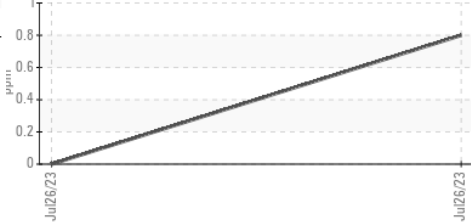
## SAMPLE IMAGES

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

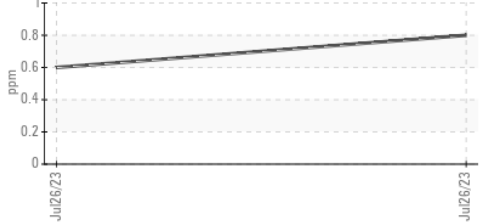


## GRAPHS

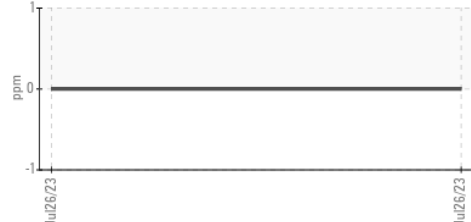
Iron (ppm)



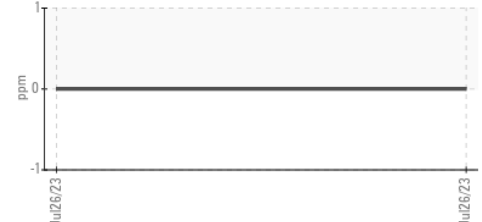
Lead (ppm)



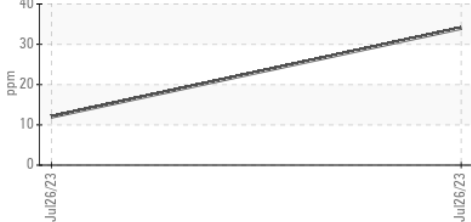
Aluminum (ppm)



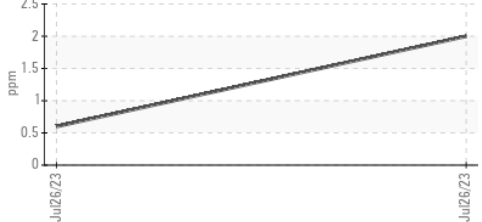
Chromium (ppm)



Copper (ppm)



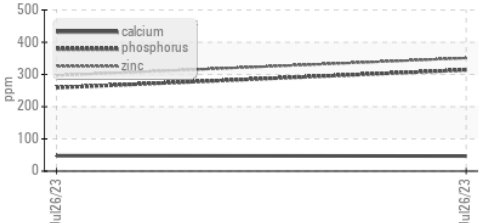
Silicon (ppm)



Viscosity @ 40°C



Additives



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0077356 **Received** : 27 Jul 2023  
**Lab Number** : **02572694** **Diagnosed** : 31 Jul 2023  
**Unique Number** : 5617745 **Diagnostician** : Kevin Marson  
**Test Package** : MOB 1 ( Additional Tests: KV100, VI )

**NOURYON**  
 1900 RUE ST-PATRICE EST  
 MAGOG, QC  
 CA J1X 3W5  
 Contact: Sandra Lemieux  
 sandra.lemieux@nouryon.com

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.