

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
250-41-3501

Component
Gearbox

Fluid
THERMAL LUBE XL7316 PAO SYNTHETIC GEAR OIL 220 (--- GAL)



DIAGNOSIS

Recommendation

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Veuillez préciser la marque et le modèle du composant lors du prochain échantillon.

Wear

Les taux d'usure de tous les 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	PC0077355	---	---
Sample Date	Client Info	26 Jul 2023	---	---
Machine Age	hrs Client Info	0	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	Changed	---	---
Sample Status		NORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm	ASTM D5185(m) >200	10	---	---
Chromium ppm	ASTM D5185(m) >10	0	---	---
Nickel ppm	ASTM D5185(m) >10	0	---	---
Titanium ppm	ASTM D5185(m)	0	---	---
Silver ppm	ASTM D5185(m)	0	---	---
Aluminum ppm	ASTM D5185(m) >25	<1	---	---
Lead ppm	ASTM D5185(m) >50	0	---	---
Copper ppm	ASTM D5185(m) >200	<1	---	---
Tin ppm	ASTM D5185(m) >10	0	---	---
Antimony ppm	ASTM D5185(m) >5	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)	12	---	---
Barium ppm	ASTM D5185(m)	0	---	---
Molybdenum ppm	ASTM D5185(m)	0	---	---
Manganese ppm	ASTM D5185(m)	0	---	---
Magnesium ppm	ASTM D5185(m)	2	---	---
Calcium ppm	ASTM D5185(m)	6	---	---
Phosphorus ppm	ASTM D5185(m)	432	---	---
Zinc ppm	ASTM D5185(m)	6	---	---
Sulfur ppm	ASTM D5185(m)	4668	---	---
Lithium ppm	ASTM D5185(m)	<1	---	---

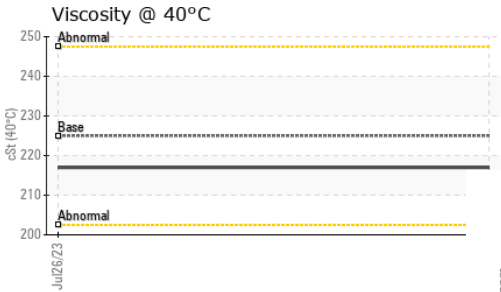
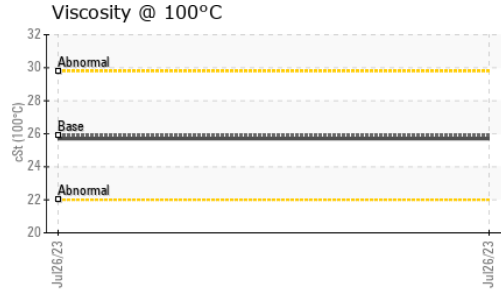
CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185(m) >50	4	---	---
Sodium ppm	ASTM D5185(m)	3	---	---
Potassium ppm	ASTM D5185(m) >20	1	---	---

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	VLITE	---	---
Appearance scalar	Visual* NORML	NORML	---	---
Odor scalar	Visual* NORML	NORML	---	---
Emulsified Water scalar	Visual* >0.2	NEG	---	---
Free Water scalar	Visual*	NEG	---	---

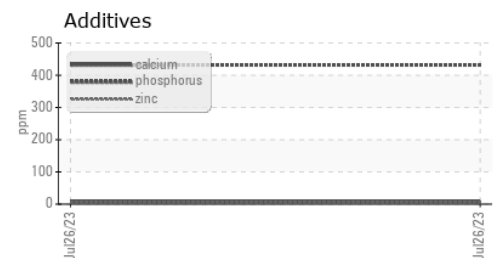
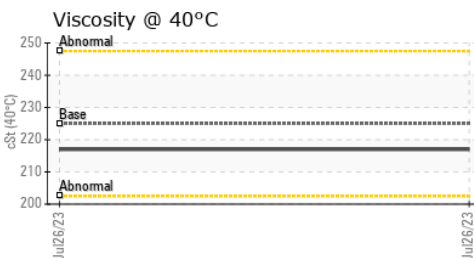
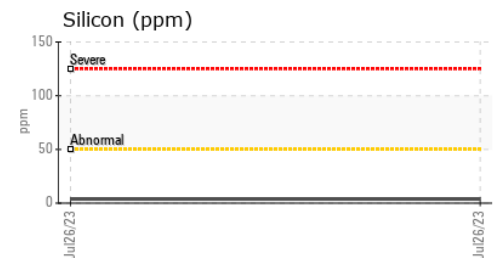
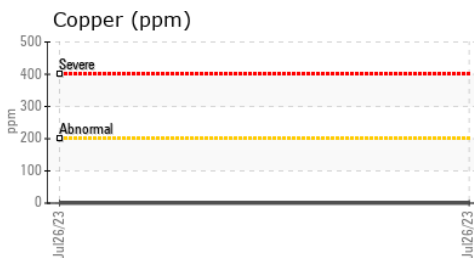
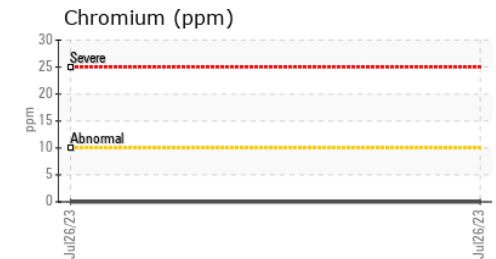
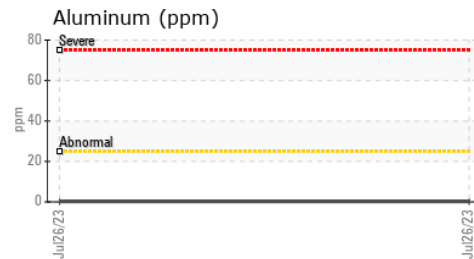
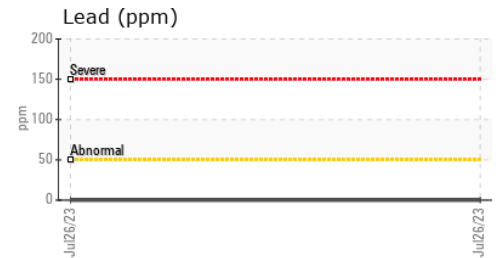
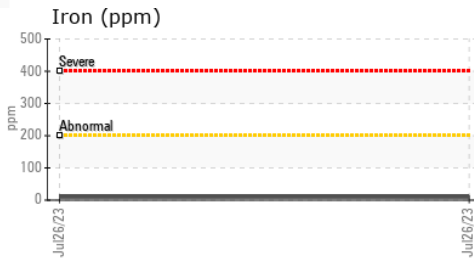
OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	225	217	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	25.9	25.7	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	147	150	---	---

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. : PC0077355 **Received** : 27 Jul 2023
Lab Number : **02572720** **Diagnosed** : 28 Jul 2023
Unique Number : 5617771 **Diagnostician** : Wes Davis
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.

T:
F: