



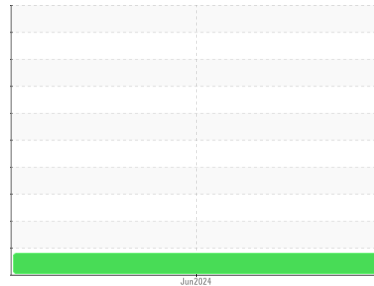
OIL ANALYSIS REPORT

Sample Rating Trend

WEAR



Area
CAPLAN
 Machine Id
819009
 Component
Center Transmission (Auto)
 Fluid
PETRO CANADA DURADRIIVE HD SYNTHETIC ATF (20 LTR)



DIAGNOSIS

Recommendation

Nous avons pris note que le filtre a été remplacé au moment de l'échantillonnage. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. (Customer Sample Comment: Top Up Amount: 4 LTR)

Wear

Le taux d'étain est marginal. Les taux d'usure de tous les autres composants sont normaux.

Contamination

Il n'y a aucun indice de contamination dans le fluide.

Fluid Condition

L'état de le fluide est acceptable pour la durée de service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	GFL0113522	---	---
Sample Date	Client Info	06 Jun 2024	---	---
Machine Age	hrs Client Info	7600	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	Oil Added	---	---
Sample Status		MARGINAL	---	---

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.1	NEG	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185(m) >230	78	---	---
Chromium	ppm ASTM D5185(m) >2	0	---	---
Nickel	ppm ASTM D5185(m) >5	0	---	---
Titanium	ppm ASTM D5185(m) >2	<1	---	---
Silver	ppm ASTM D5185(m) >5	0	---	---
Aluminum	ppm ASTM D5185(m) >65	40	---	---
Lead	ppm ASTM D5185(m) >55	4	---	---
Copper	ppm ASTM D5185(m) >85	22	---	---
Tin	ppm ASTM D5185(m) >5	▲ 5	---	---
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

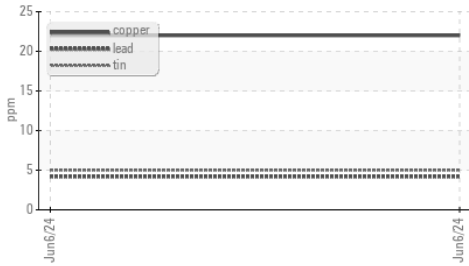
method	limit/base	current	history1	history2
Boron	ppm ASTM D5185(m)	50	---	---
Barium	ppm ASTM D5185(m)	<1	---	---
Molybdenum	ppm ASTM D5185(m)	0	---	---
Manganese	ppm ASTM D5185(m)	<1	---	---
Magnesium	ppm ASTM D5185(m)	6	---	---
Calcium	ppm ASTM D5185(m)	127	---	---
Phosphorus	ppm ASTM D5185(m)	218	---	---
Zinc	ppm ASTM D5185(m)	9	---	---
Sulfur	ppm ASTM D5185(m)	1437	---	---
Lithium	ppm ASTM D5185(m)	<1	---	---

CONTAMINANTS

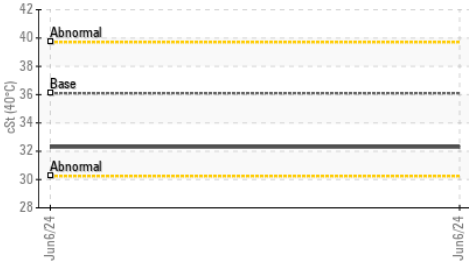
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m) >20	10	---	---
Sodium	ppm ASTM D5185(m)	70	---	---
Potassium	ppm ASTM D5185(m) >20	2	---	---

OIL ANALYSIS REPORT

▲ Non-ferrous Metals



Viscosity @ 40°C



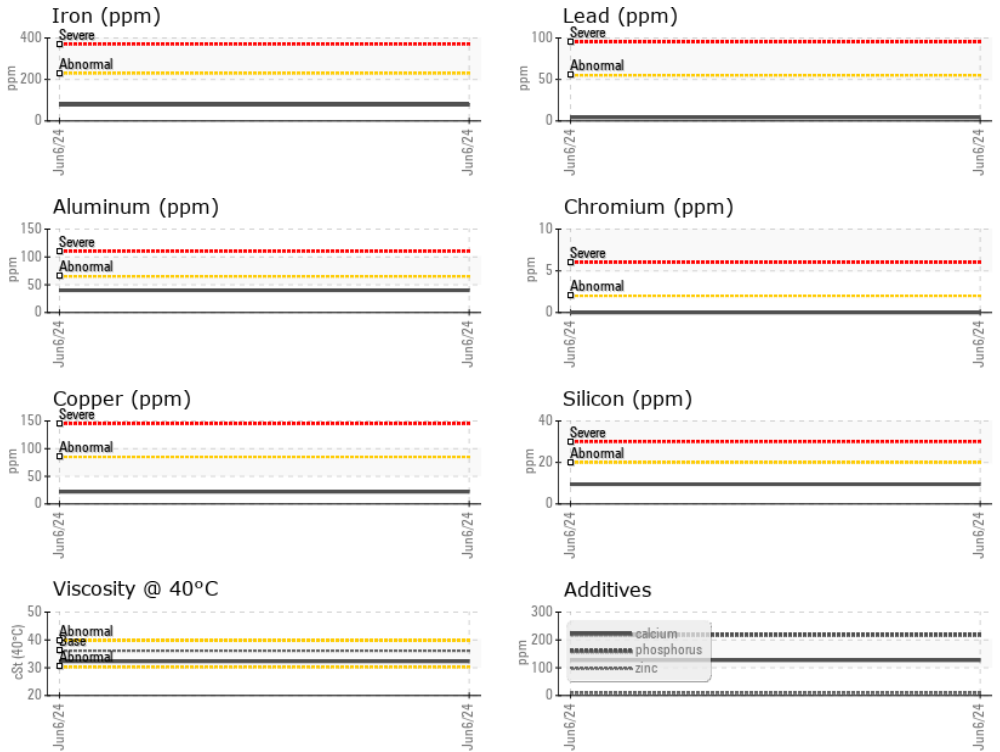
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.1	NEG	---
Free Water	scalar	Visual*		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	36.1	32.3	---

SAMPLE IMAGES

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. : GFL0113522 **Received** : 10 Jun 2024
Lab Number : **02640811** **Tested** : 10 Jun 2024
Unique Number : 5789973 **Diagnosed** : 10 Jun 2024 - Kevin Marson
Test Package : MOB 1

Matrec - 791 - Rimouski
 350 Avenue de L'Industrie
 Rimouski, QC
 CA G5M 1W4
 Contact: Vincent Maltais
 info@forestsstar.com
 T: 4(18)388-2626
 F: (418)388-2038

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.