



OIL ANALYSIS REPORT

Sample Rating Trend

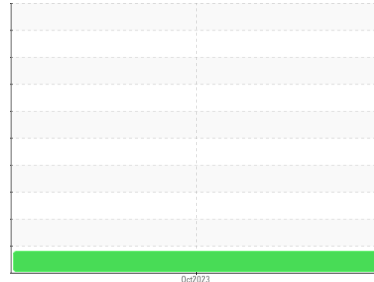
FUEL

Area
TRANSPORT JOZ

Machine Id
21

Component
Diesel Engine

Fluid
PETRO CANADA DURON SHP 15W40 (--- LTR)



DIAGNOSIS

Recommendation

Aucune mesure corrective n'est recommandée pour l'instant. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Wear

Les taux d'usure de tous les composants sont normaux.

Contamination

Légère dilution de carburant dans l'huile. Aucun autre contaminant n'a été détecté 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	CU0021560	---	---
Sample Date	Client Info	10 Oct 2023	---	---
Machine Age	hrs Client Info	0	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		MARGINAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185(m)	>90	79	---	---
Chromium ppm ASTM D5185(m)	>20	3	---	---
Nickel ppm ASTM D5185(m)	>2	0	---	---
Titanium ppm ASTM D5185(m)	>2	0	---	---
Silver ppm ASTM D5185(m)	>2	<1	---	---
Aluminum ppm ASTM D5185(m)	>20	8	---	---
Lead ppm ASTM D5185(m)	>40	6	---	---
Copper ppm ASTM D5185(m)	>330	2	---	---
Tin ppm ASTM D5185(m)	>15	<1	---	---
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	3	---	---
Barium ppm ASTM D5185(m)	0	<1	---	---
Molybdenum ppm ASTM D5185(m)	60	69	---	---
Manganese ppm ASTM D5185(m)	0	<1	---	---
Magnesium ppm ASTM D5185(m)	1010	1110	---	---
Calcium ppm ASTM D5185(m)	1070	1174	---	---
Phosphorus ppm ASTM D5185(m)	1150	1129	---	---
Zinc ppm ASTM D5185(m)	1270	1372	---	---
Sulfur ppm ASTM D5185(m)	2060	2482	---	---
Lithium ppm ASTM D5185(m)		<1	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185(m)	>25	7	---	---
Sodium ppm ASTM D5185(m)		19	---	---
Potassium ppm ASTM D5185(m)	>20	20	---	---
Fuel % ASTM D7593*	>3.0	▲ 1.5	---	---
Glycol % ASTM D7922*		0.0	---	---

INFRA-RED

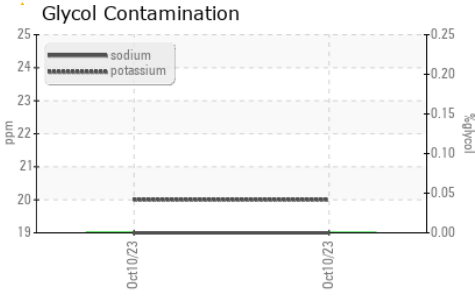
method	limit/base	current	history1	history2
Soot % ASTM D7844*	>6	1	---	---
Nitration Abs/cm ASTM D7624*	>20	13.8	---	---
Sulfation Abs/.1mm ASTM D7415*	>30	29.1	---	---

FLUID DEGRADATION

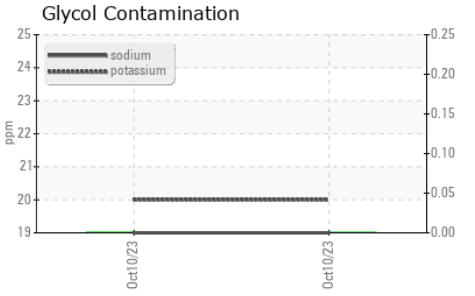
method	limit/base	current	history1	history2
Oxidation Abs/.1mm ASTM D7414*	>25	24.1	---	---



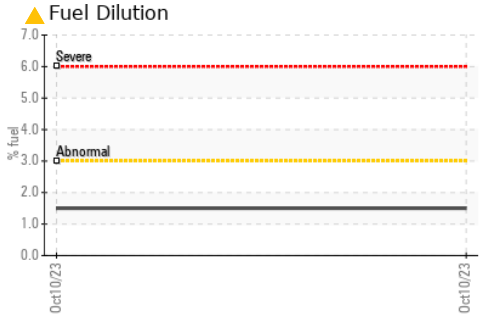
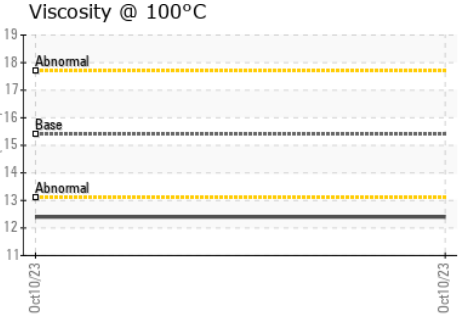
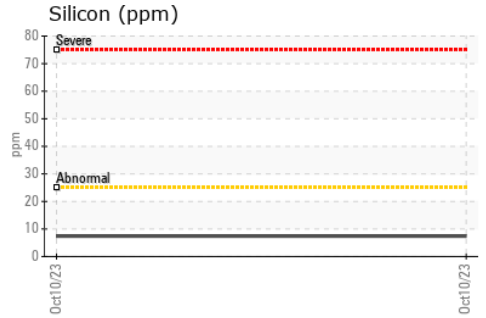
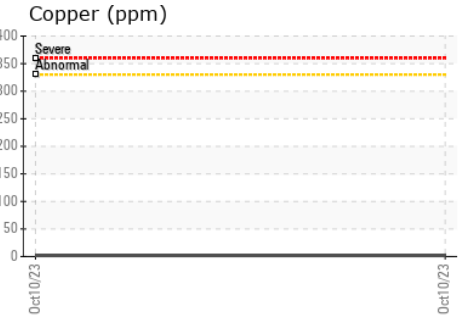
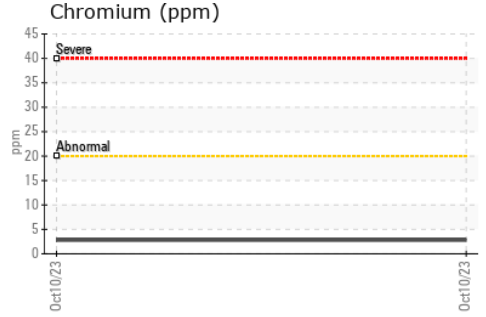
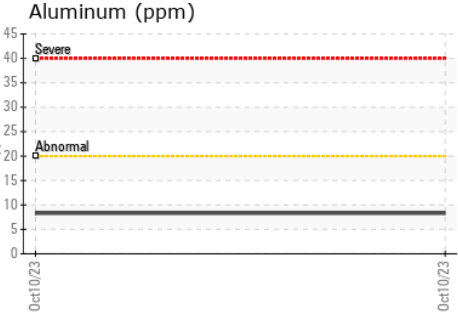
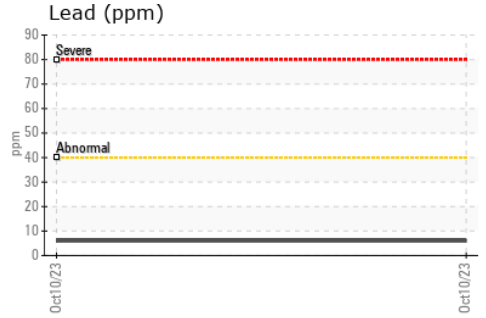
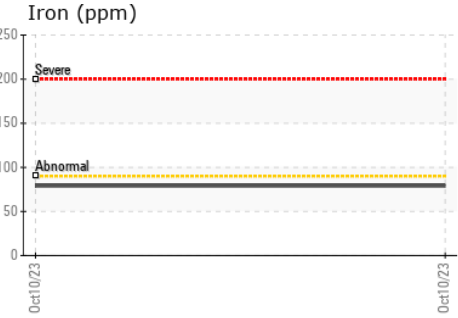
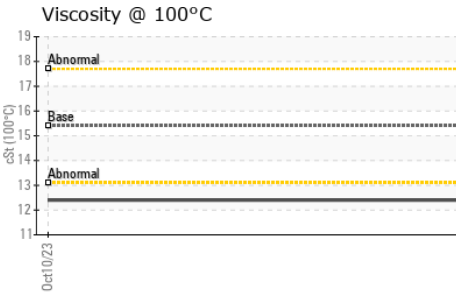
OIL ANALYSIS REPORT



VISUAL	method	limit/base	current	history1	history2
Emulsified Water	scalar	Visual*	>0.2	NEG	---
Free Water	scalar	Visual*		NEG	---



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D7279(m)	15.4	12.4	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : CU0021560 **Received** : 11 Oct 2023
Lab Number : 02588205 **Diagnosed** : 12 Oct 2023
Unique Number : 5657271 **Diagnostician** : Wes Davis
Test Package : MOB 1 (Additional Tests: FuelDilution, Glycol, PercentFuel)

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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.