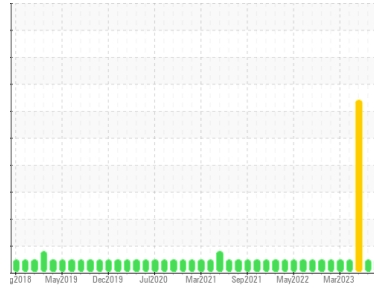


Machine Id
6026

Component
Rear Diesel Engine

Fluid
PETRO CANADA DURON HP 15W40 (19 LTR)



DIAGNOSIS

Recommendation

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

Il n'y a aucun indice de contamination dans l'huile.

Fluid Condition

Le résultat pour le BN indique que la réserve d'alcalinité est acceptable pour l'huile. L'état de l'huile permet d'en prolonger l'utilisation.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		PC0079610	PC0079605	PC0079829
Sample Date	Client Info		05 Dec 2023	05 Dec 2023	16 Oct 2023
Machine Age	kms	Client Info	573250	573250	568779
Oil Age	kms	Client Info	911	911	7438
Oil Changed	Client Info		Changed	Changed	Changed
Sample Status			NORMAL	NORMAL	SEVERE

CONTAMINATION

	method	limit/base	current	history1	history2
Fuel	WC Method	>3.0	<1.0	<1.0	<1.0
Water	WC Method	>0.2	NEG	NEG	NEG
Glycol	WC Method		NEG	NEG	NEG

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >130	6	34	▲ 118
Chromium	ppm	ASTM D5185(m) >10	<1	4	▲ 15
Nickel	ppm	ASTM D5185(m) >4	<1	<1	<1
Titanium	ppm	ASTM D5185(m) >2	0	0	0
Silver	ppm	ASTM D5185(m) >2	0	0	<1
Aluminum	ppm	ASTM D5185(m) >20	1	5	17
Lead	ppm	ASTM D5185(m) >20	<1	<1	2
Copper	ppm	ASTM D5185(m) >125	<1	2	4
Tin	ppm	ASTM D5185(m) >4	0	0	<1
Antimony	ppm	ASTM D5185(m)	0	0	0
Vanadium	ppm	ASTM D5185(m)	0	0	0
Beryllium	ppm	ASTM D5185(m)	0	0	0
Cadmium	ppm	ASTM D5185(m)	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m) 0	3	2	2
Barium	ppm	ASTM D5185(m) 0	0	<1	<1
Molybdenum	ppm	ASTM D5185(m) 60	54	58	58
Manganese	ppm	ASTM D5185(m) 0	0	0	<1
Magnesium	ppm	ASTM D5185(m) 1010	890	938	948
Calcium	ppm	ASTM D5185(m) 1070	1075	1033	1032
Phosphorus	ppm	ASTM D5185(m) 1150	993	960	965
Zinc	ppm	ASTM D5185(m) 1270	1133	1184	1180
Sulfur	ppm	ASTM D5185(m) 2060	2654	2462	2385
Lithium	ppm	ASTM D5185(m)	<1	<1	<1

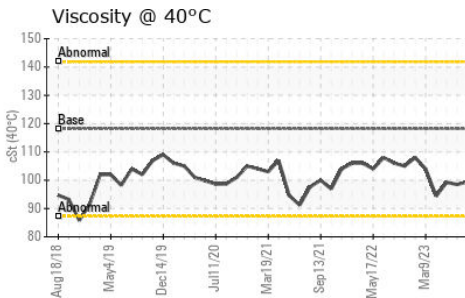
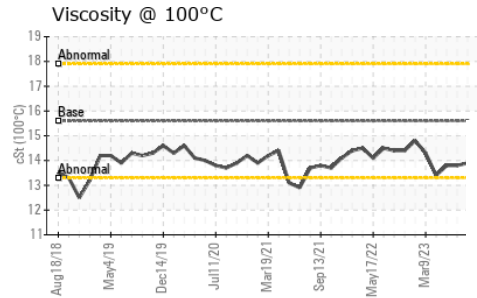
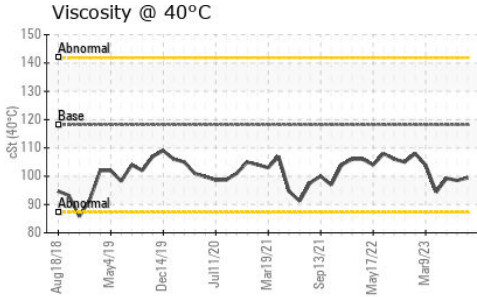
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >25	4	14	● 57
Sodium	ppm	ASTM D5185(m)	1	4	9
Potassium	ppm	ASTM D5185(m) >20	0	1	2

INFRA-RED

	method	limit/base	current	history1	history2
Soot %	%	ASTM D7844* >6	0	0.3	0.8
Nitration	Abs/cm	ASTM D7624* >20	4.7	8.1	9.8
Sulfation	Abs./1mm	ASTM D7415* >30	18.0	19.5	21.0

OIL ANALYSIS REPORT

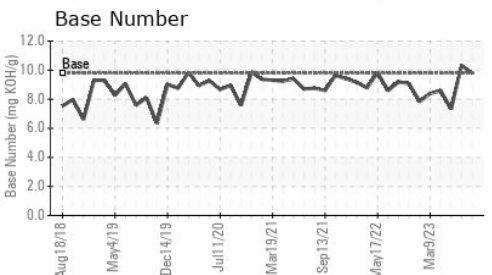
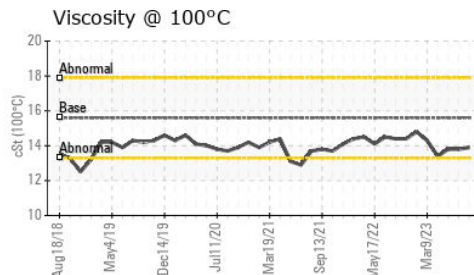
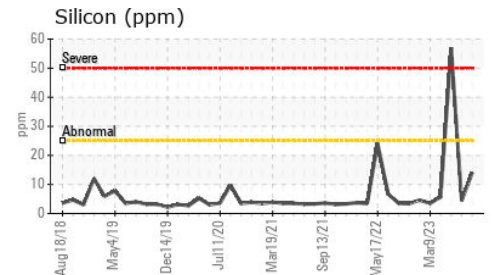
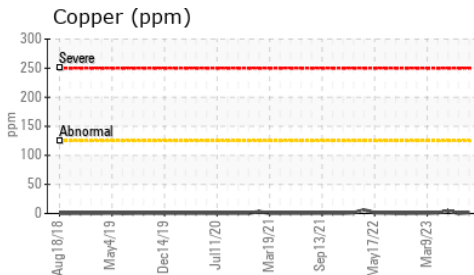
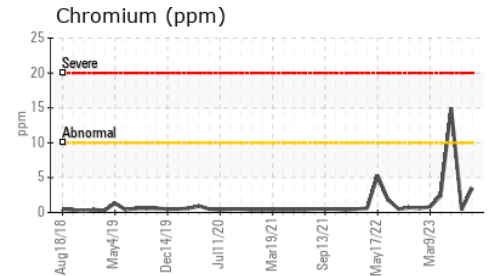
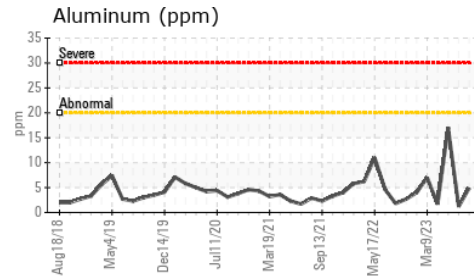
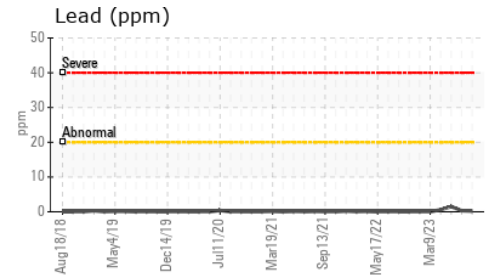
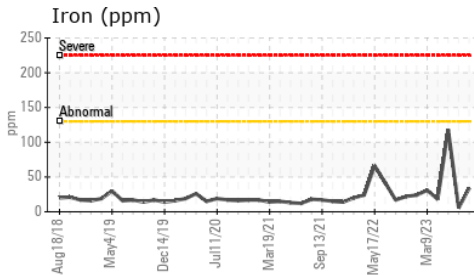


FLUID DEGRADATION		method	limit/base	current	history1	history2
Oxidation	Abs./1mm	ASTM D7414*	>25	13.3	15.7	16.9
Base Number (BN)	mg KOH/g	ASTM D2896*	9.8	9.77	10.33	7.33

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

FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	118.2	99.4	98.5	99.2
Visc @ 100°C	cSt	ASTM D7279(m)	15.6	13.9	13.8	13.8
Viscosity Index (VI)	Scale	ASTM D2270*	139	141	141	140

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0079610 **Received** : 28 Dec 2023
Lab Number : **02605520** **Tested** : 29 Dec 2023
Unique Number : 5698605 **Diagnosed** : 29 Dec 2023 - Wes Davis
Test Package : MOB 2 (Additional Tests: KV40, VI)

TRANSDEV ST-JEAN
 720 TROTTER
 ST-JEAN-SUR-RICHELIEU, QC
 CA J3B 8T2
 Contact: Eric Breton
 eric.breton@transdev.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: