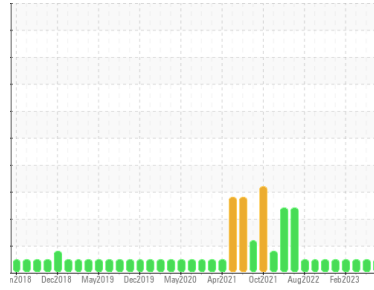


Machine Id
6021

Component
Rear Diesel Engine

Fluid
PETRO CANADA DURON HP 15W40 (18 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		PC0073971	PC0073871	PC0074625
Sample Date	Client Info		12 Jun 2023	08 May 2023	27 Mar 2023
Machine Age	kms	Client Info	0	0	0
Oil Age	kms	Client Info	7049	7790	7500
Oil Changed	Client Info		Changed	Changed	Changed
Sample Status			NORMAL	NORMAL	NORMAL

CONTAMINATION

	method	limit/base	current	history1	history2
Fuel	WC Method	>3.0	<1.0	<1.0	<1.0

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >130	21	21	21
Chromium	ppm	ASTM D5185(m) >10	<1	<1	<1
Nickel	ppm	ASTM D5185(m) >4	<1	0	<1
Titanium	ppm	ASTM D5185(m) >2	0	<1	<1
Silver	ppm	ASTM D5185(m) >2	0	0	0
Aluminum	ppm	ASTM D5185(m) >20	2	3	4
Lead	ppm	ASTM D5185(m) >20	0	0	0
Copper	ppm	ASTM D5185(m) >125	<1	<1	<1
Tin	ppm	ASTM D5185(m) >4	0	0	0
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	2	2	4
Barium	ppm	ASTM D5185(m) 0	0	0	0
Molybdenum	ppm	ASTM D5185(m) 60	62	64	64
Manganese	ppm	ASTM D5185(m) 0	<1	<1	<1
Magnesium	ppm	ASTM D5185(m) 1010	1018	1018	1025
Calcium	ppm	ASTM D5185(m) 1070	1093	1171	1156
Phosphorus	ppm	ASTM D5185(m) 1150	1085	1158	1139
Zinc	ppm	ASTM D5185(m) 1270	1262	1285	1278
Sulfur	ppm	ASTM D5185(m) 2060	2498	2640	2657
Lithium	ppm	ASTM D5185(m)	<1	<1	<1

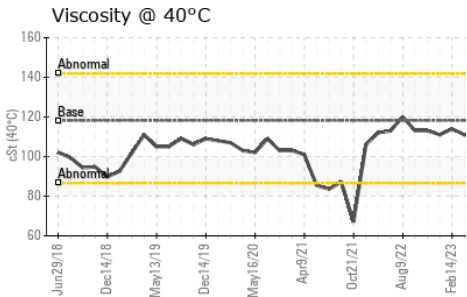
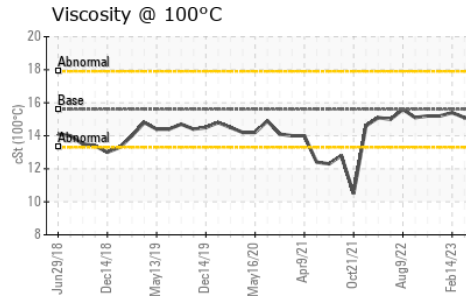
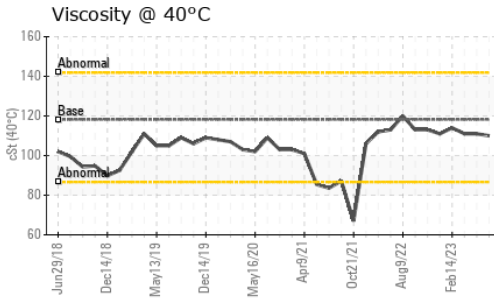
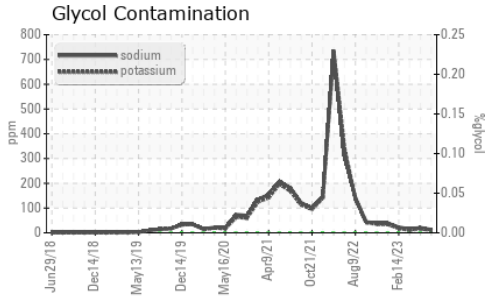
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >25	4	3	3
Sodium	ppm	ASTM D5185(m)	13	21	15
Potassium	ppm	ASTM D5185(m) >20	10	16	11
Glycol	%	ASTM D7922*	0.0	0.0	0.0

INFRA-RED

	method	limit/base	current	history1	history2
Soot %	%	ASTM D7844* >6	1.2	1.2	1.2
Nitration	Abs/cm	ASTM D7624* >20	9.4	9.6	9.1
Sulfation	Abs/.1mm	ASTM D7415* >30	22.4	21.9	21.1

OIL ANALYSIS REPORT

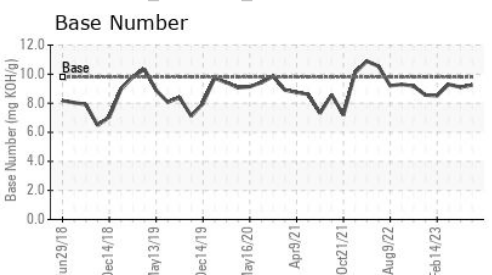
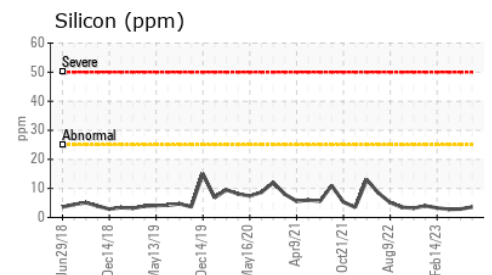
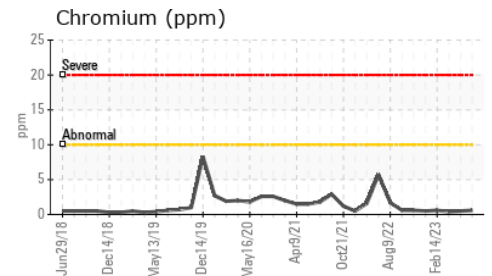
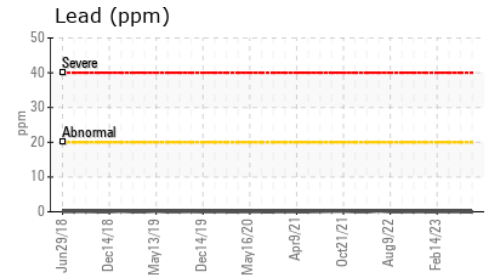
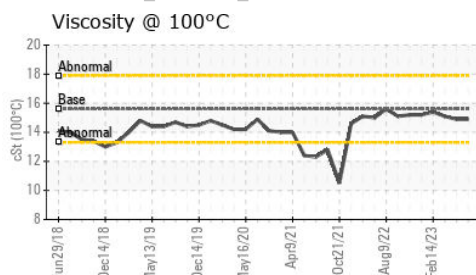
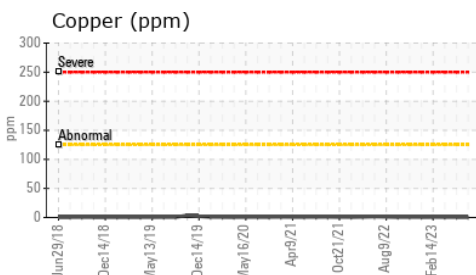
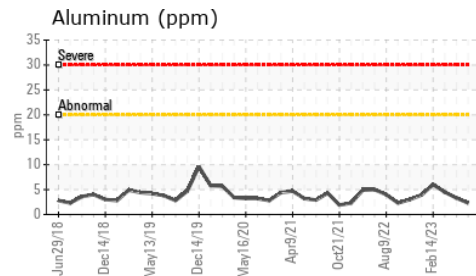
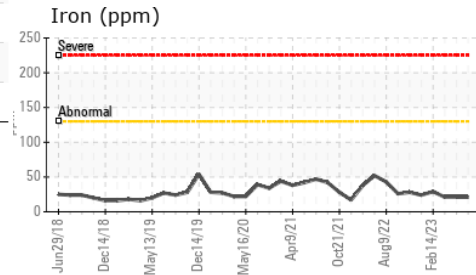


FLUID DEGRADATION		method	limit/base	current	history1	history2
Oxidation	Abs./1mm	ASTM D7414*	>25	16.7	17.2	16.1
Base Number (BN)	mg KOH/g	ASTM D2896*	9.8	9.25	9.10	9.30

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	110	111	111
Visc @ 100°C	cSt	ASTM D7279(m)	15.6	14.9	14.9	15.1
Viscosity Index (VI)	Scale	ASTM D2270*	139	140	139	141

GRAPHS



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0073971 **Received** : 18 Jul 2023
Lab Number : **02570536** **Diagnosed** : 19 Jul 2023
Unique Number : 5607582 **Diagnostician** : Wes Davis
Test Package : MOB 2 (Additional Tests: Glycol, 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: