



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL



Identité de la machine

901049

Composant

Moteur diesel

Fluid

PETRO CANADA DURON SHP 10W30 (--- GAL)

RECOMMANDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0081999	PC0073176	PC0071800
Date d'échant.		Client Info		10 Jan 2024	06 Sep 2023	19 Jun 2023
Âge d la Machine	kms	Client Info		213443	201740	198578
Âge de l'huile	kms	Client Info		0	0	0
Âge du filtre	kms	Client Info		0	0	0
Huile changée		Client Info		Changed	Changed	Changed
Filtre changé		Client Info		Changed	Changed	Changed
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

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

Fer	ppm	ASTM D5185(m)	>120	11	4	4
Chrome	ppm	ASTM D5185(m)	>20	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	<1	0	<1
Titane	ppm	ASTM D5185(m)	>2	0	0	0
Argent	ppm	ASTM D5185(m)	>2	<1	<1	<1
Aluminium	ppm	ASTM D5185(m)	>20	4	2	2
Plomb	ppm	ASTM D5185(m)	>40	<1	<1	0
Cuivre	ppm	ASTM D5185(m)	>330	1	2	<1
Étain	ppm	ASTM D5185(m)	>15	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

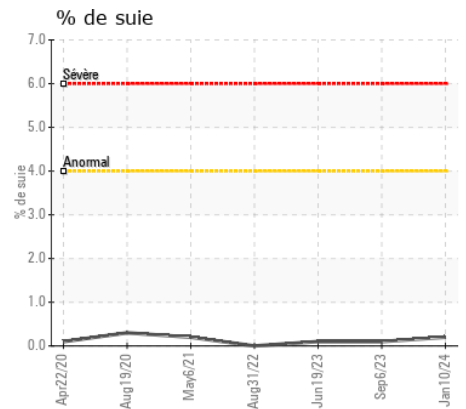
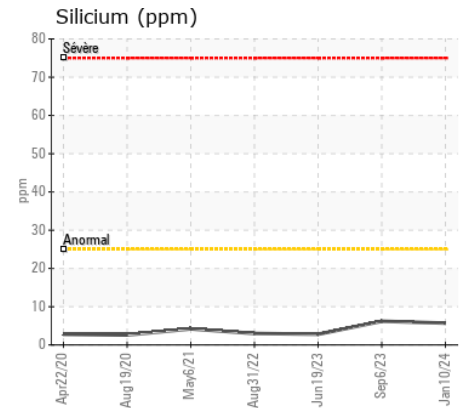
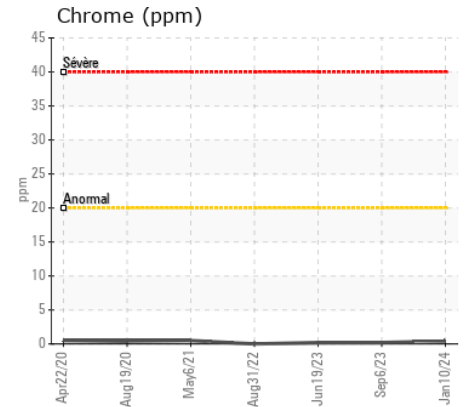
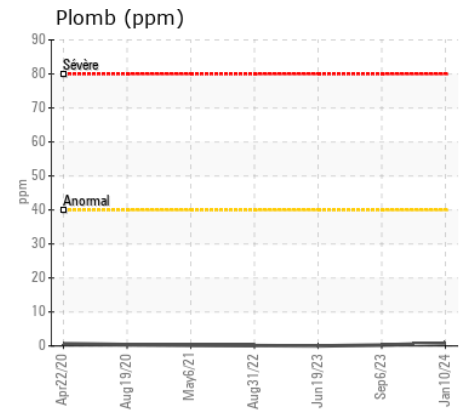
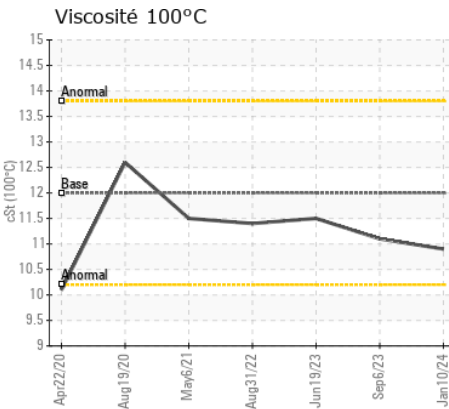
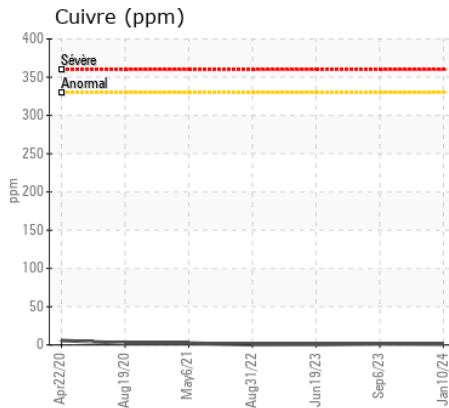
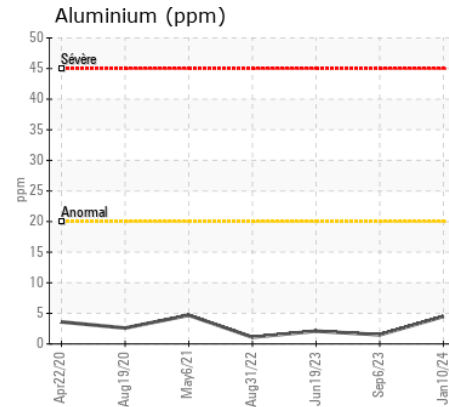
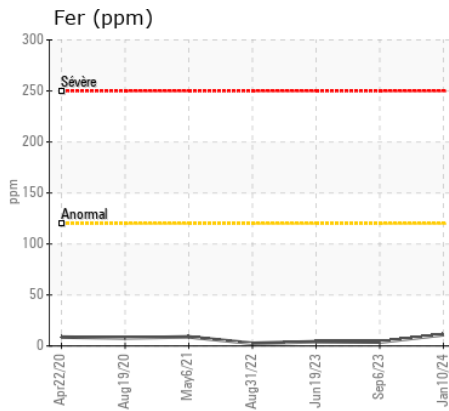
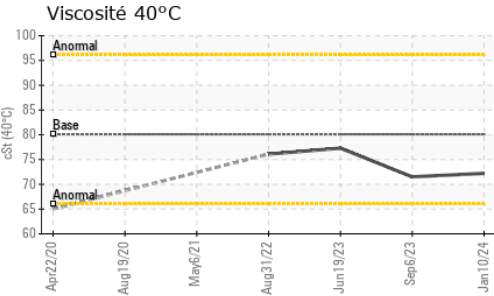
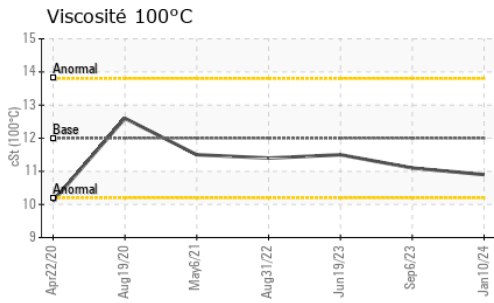
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	6	6	3
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	<1
Essence		WC Method	>3.0	<1.0	<1.0	<1.0
L'eau		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>4	0.2	0.1	0.1
Nitration	Abs/cm	ASTM D7624*	>20	8.9	5.8	6.0
Sulfatation	Abs/.1mm	ASTM D7415*	>30	19.2	19.2	19.4
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG

ÉTAT DU FLUIDE

L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		2	13	2
Bore	ppm	ASTM D5185(m)	2	5	15	86
Baryum	ppm	ASTM D5185(m)	0	0	0	0
Molybdène	ppm	ASTM D5185(m)	50	59	58	54
Manganèse	ppm	ASTM D5185(m)	0	0	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	942	887	394
Calcium	ppm	ASTM D5185(m)	1050	1057	1088	1763
Phosphore	ppm	ASTM D5185(m)	995	977	1030	1090
Zinc	ppm	ASTM D5185(m)	1180	1157	1158	1168
Soufre	ppm	ASTM D5185(m)	2600	2532	2630	2799
Oxydation	Abs/.1mm	ASTM D7414*	>25	15.0	13.3	14.8
Visc 40°C	cSt	ASTM D7279(m)	80.1	72.2	71.5	77.3
Visc 100°C	cSt	ASTM D7279(m)	12.00	10.9	11.1	11.5
Indice de viscosité (VI)	Scale	ASTM D2270*	144	140	146	140



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 737 - Quebec City Hauling
N° d'échantillon : PC0081999 **Reçu** : 12 Jan 2024
N° de laboratoire : 02608378 **Diagnostiqué** : 15 Jan 2024
Numéro unique : 5709464 **Diagnostiqueur** : Wes Davis
Analyse : MOB 1 (Additional Tests: KV40, VI)

Pour discuter ce rapport, contacter le service à la clientèle au 1-800-268-2131.

Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.

La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada.

6205 Boul. Wilfrid Hamel,
Quebec City, QC
CA G2E 5G8
Contact: Dave Beaulieu
davebeaulieu@matrec.ca

T:
F: