



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL



Identité de la machine

701106

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		PC0088216	PC0083847	PC0081911
Date d'échant.		Client Info		04 Jun 2024	20 Feb 2024	30 Nov 2023
Âge d la Machine	kms	Client Info		0	299460	296367
Âge de l'huile	kms	Client Info		0	0	0
Âge du filtre	kms	Client Info		0	0	0
Huile changée		Client Info		N/A	Changed	Changed
Filtre changé		Client Info		N/A	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)	>75	20	12	12
Chrome	ppm	ASTM D5185(m)	>5	<1	<1	0
Nickel	ppm	ASTM D5185(m)	>4	0	<1	<1
Titane	ppm	ASTM D5185(m)	>2	0	0	0
Argent	ppm	ASTM D5185(m)	>2	0	0	<1
Aluminium	ppm	ASTM D5185(m)	>15	4	2	1
Plomb	ppm	ASTM D5185(m)	>25	0	<1	0
Cuivre	ppm	ASTM D5185(m)	>100	<1	<1	<1
Étain	ppm	ASTM D5185(m)	>4	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	NONE	NONE	NONE
Bronze	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

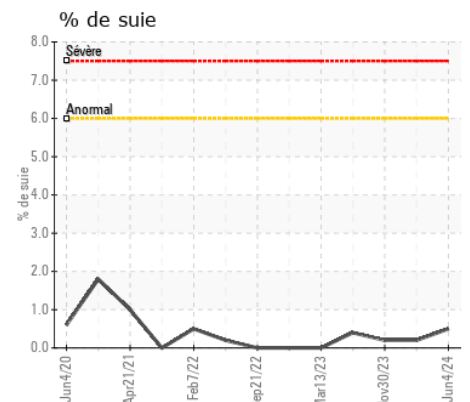
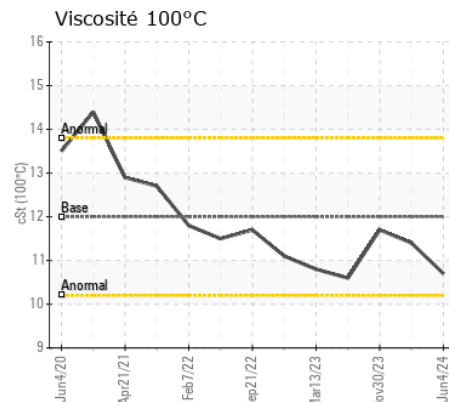
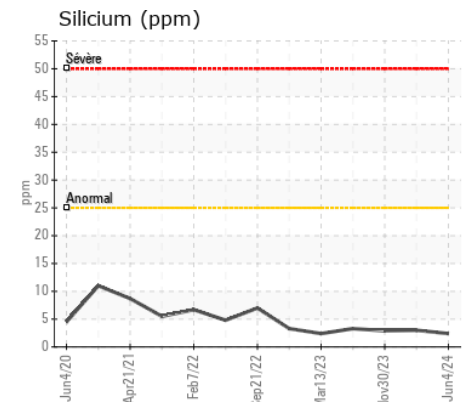
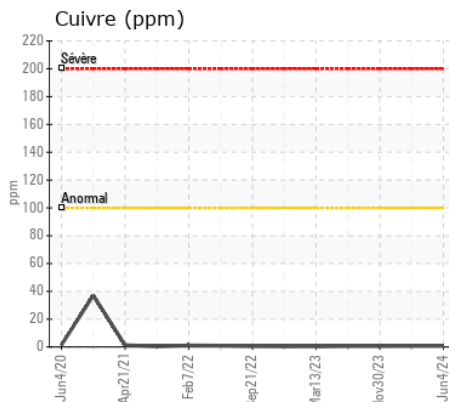
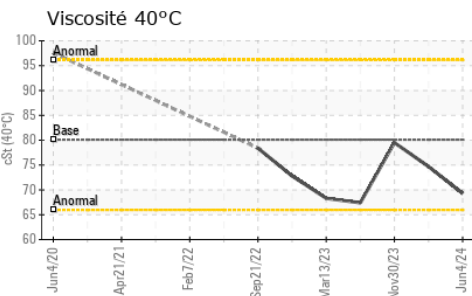
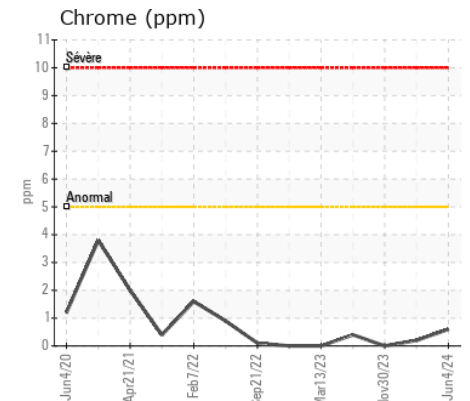
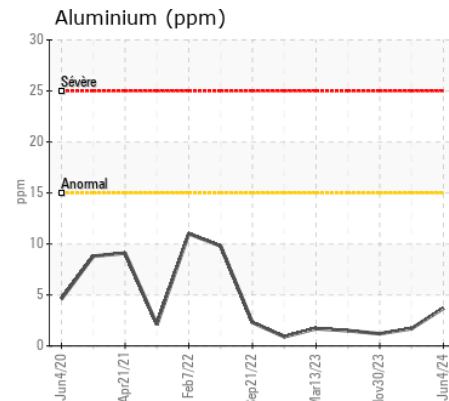
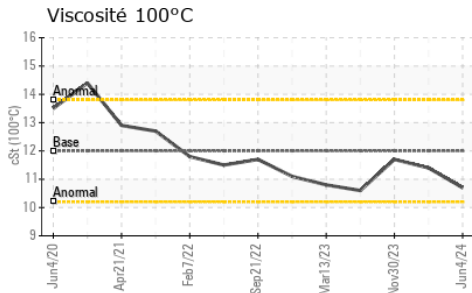
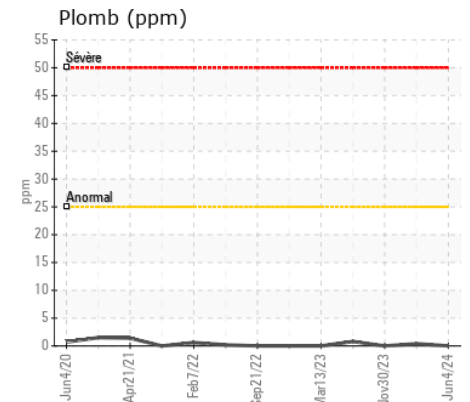
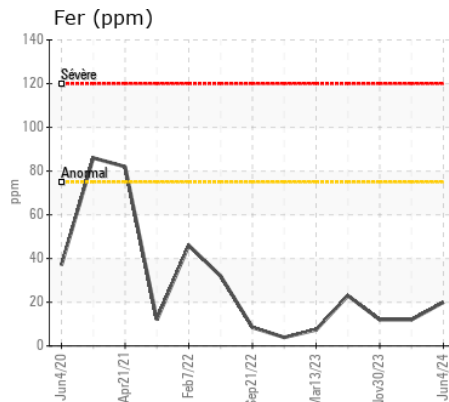
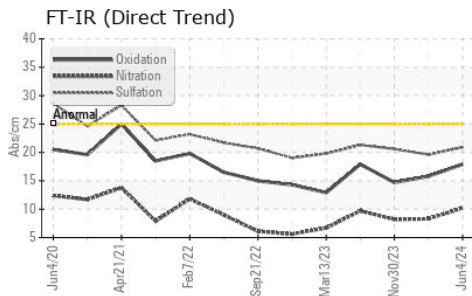
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	2	3	3
Potassium	ppm	ASTM D5185(m)	>20	4	2	2
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*	>6	0.5	0.2	0.2
Nitration	Abs/cm	ASTM D7624*	>20	10.2	8.3	8.2
Sulfatation	Abs/.1mm	ASTM D7415*	>30	20.9	19.6	20.6
Limon	scalar	Visual*	NONE	NONE	NONE	NONE
Débris	scalar	Visual*	NONE	NONE	NONE	NONE
Saleté	scalar	Visual*	NONE	NONE	NONE	NONE
Apparence	scalar	Visual*	NORML	NORML	NORML	NORML
Odeur	scalar	Visual*	NORML	NORML	NORML	NORML
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)		3	2	2
Bore	ppm	ASTM D5185(m)	2	9	11	27
Baryum	ppm	ASTM D5185(m)	0	0	0	<1
Molybdène	ppm	ASTM D5185(m)	50	57	54	26
Manganèse	ppm	ASTM D5185(m)	0	<1	0	0
Magnésium	ppm	ASTM D5185(m)	950	893	832	215
Calcium	ppm	ASTM D5185(m)	1050	1034	1202	1880
Phosphore	ppm	ASTM D5185(m)	995	940	976	880
Zinc	ppm	ASTM D5185(m)	1180	1117	1150	1070
Soufre	ppm	ASTM D5185(m)	2600	2396	2670	2668
Oxydation	Abs/.1mm	ASTM D7414*	>25	17.9	15.8	14.7
Visc 40°C	cSt	ASTM D7279(m)	80.1	69.3	74.7	79.5
Visc 100°C	cSt	ASTM D7279(m)	12.00	10.7	11.4	11.7
Indice de viscosité (VI)	Scale	ASTM D2270*	144	143	144	140



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

N° d'échantillon : PC0088216

N° de laboratoire : 02641315

Numéro unique : 5798854

Analyse : MOB 1 (Additional Tests: KV40, VI, Visual)

Reçu : 12 Jun 2024

Tested : 12 Jun 2024

Diagnostiqué : 12 Jun 2024 - Wes Davis

GFL Environmental - 737 - Quebec City Hauling

6205 Boul. Wilfrid Hamel,

Quebec City, QC

CA G2E 5G8

Contact: Dave Beaulieu

davebeaulieu@matrec.ca

T:

F:

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.