



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	ANORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur
MICHAUDVILLE
Identité de la machine
5513

Composant
Entraînement de tourelle Droit(e)
Fluide
PETRO CANADA DURON SHP 10W30 (--- GAL)

RECOMMENDATION

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. Please specify the component make and model with your next sample. Please note that there was too much water present in the oil to perform a viscosity test.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0078082	PC0065800	PC0048086
Date d'échant.		Client Info		13 Sep 2023	24 Oct 2022	19 May 2021
Âge d la Machine	hrs	Client Info		11341	10958	3330
Âge de l'huile	hrs	Client Info		0	0	0
Âge du filtre	hrs	Client Info		0	0	0
Huile changée		Client Info		N/A	N/A	N/A
Filtre changé		Client Info		N/A	N/A	N/A
Statut de l'échant.				ABNORMAL	ABNORMAL	NORMAL

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>400	132	104	14
Chrome	ppm	ASTM D5185(m)	>10	2	2	<1
Nickel	ppm	ASTM D5185(m)	>10	<1	<1	<1
Titane	ppm	ASTM D5185(m)		<1	<1	0
Argent	ppm	ASTM D5185(m)		0	0	<1
Aluminium	ppm	ASTM D5185(m)	>25	4	3	<1
Plomb	ppm	ASTM D5185(m)	>50	6	8	<1
Cuivre	ppm	ASTM D5185(m)	>200	181	145	<1
Étain	ppm	ASTM D5185(m)	>10	5	4	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

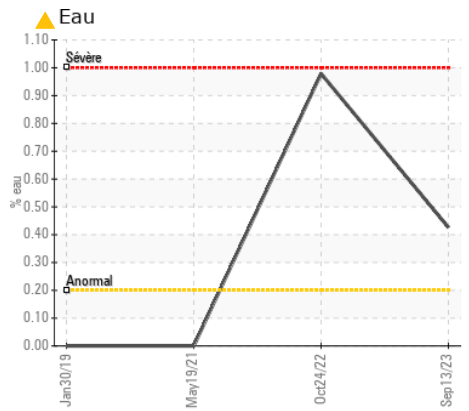
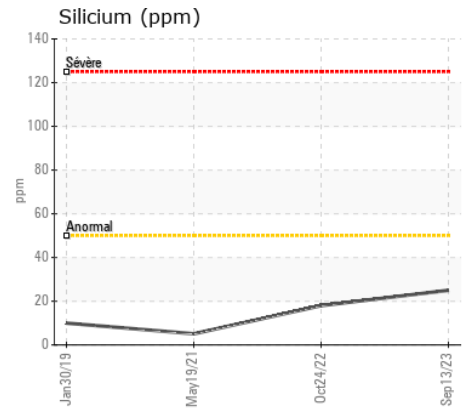
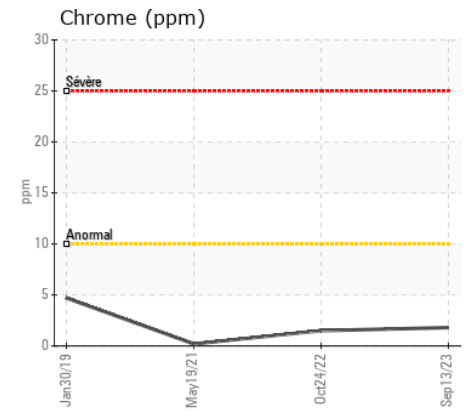
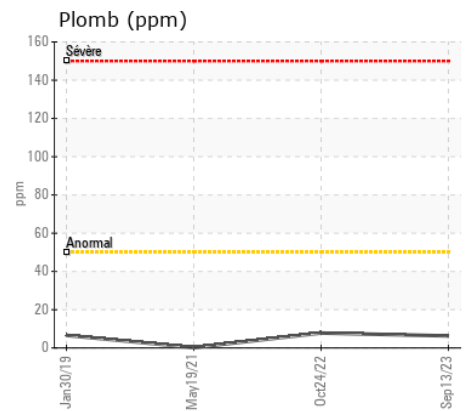
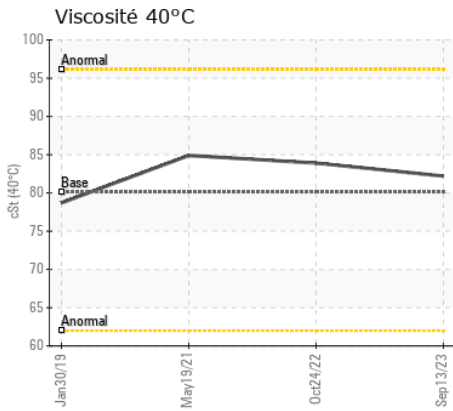
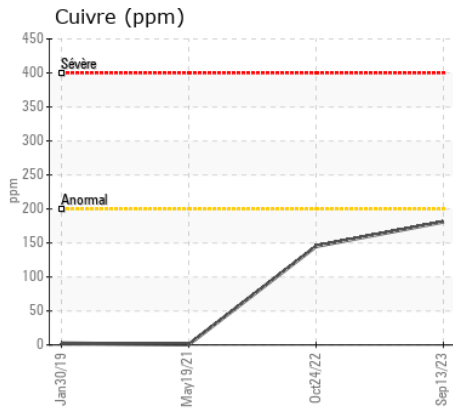
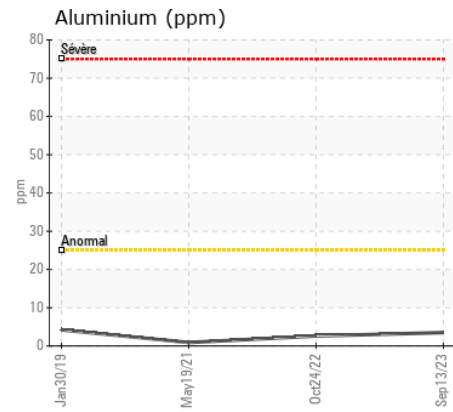
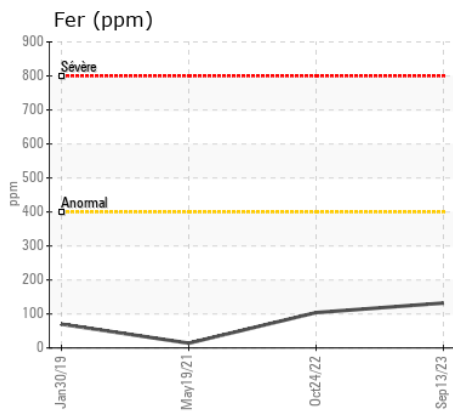
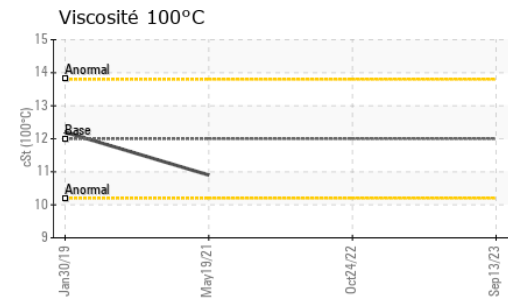
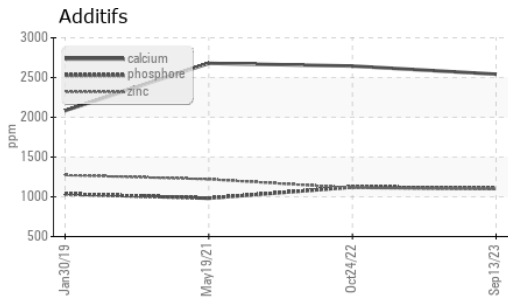
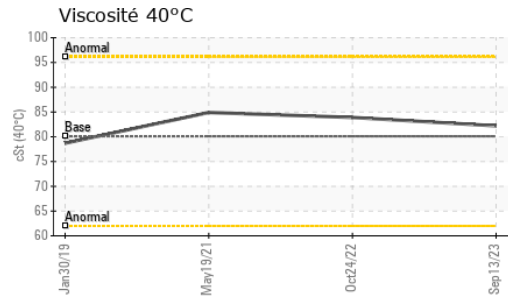
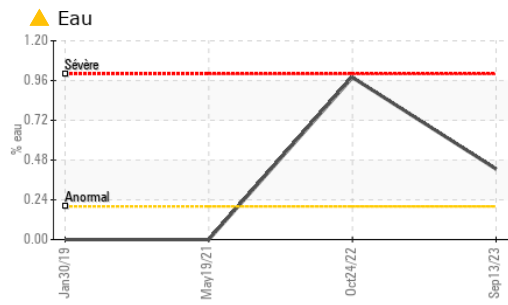
There is a moderate concentration of water present in the oil.

Silicium	ppm	ASTM D5185(m)	>50	25	18	5
Potassium	ppm	ASTM D5185(m)	>20	2	1	<1
Eau	%	ASTM D6304*	>0.2	▲ 0.426	▲ 0.979	---
ppm d'eau	ppm	ASTM D6304*	>2000	▲ 4268.9	▲ 9793.4	---
Limon	scalar	Visual*	NONE	VLITE	VLITE	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	▲ .2%	▲ .2%	NEG

ÉTAT DU FLUIDE

Additive levels indicate the addition of a different brand, or type of oil. The oil is no longer serviceable due to the presence of contaminants.

Sodium	ppm	ASTM D5185(m)		3	8	2
Bore	ppm	ASTM D5185(m)	2	41	47	4
Baryum	ppm	ASTM D5185(m)	0	68	57	<1
Molybdène	ppm	ASTM D5185(m)	50	<1	<1	9
Manganèse	ppm	ASTM D5185(m)	0	2	2	<1
Magnésium	ppm	ASTM D5185(m)	950	23	20	153
Calcium	ppm	ASTM D5185(m)	1050	2542	2645	2679
Phosphore	ppm	ASTM D5185(m)	995	1107	1123	982
Zinc	ppm	ASTM D5185(m)	1180	1097	1112	1221
Soufre	ppm	ASTM D5185(m)	2600	4995	5350	3378
Visc 40°C	cSt	ASTM D7279(m)	80.1	82.2	83.9	84.9
Visc 100°C	cSt	ASTM D7279(m)	12.00	---	---	10.9
Indice de viscosité (VI)	Scale	ASTM D2270*	144	---	---	114



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUVILLE INC.
N° d'échantillon : PC0078082 **Reçu** : 14 Sep 2023
N° de laboratoire : 02582574 **Diagnostiqué** : 15 Sep 2023
Numéro unique : 5643639 **Diagnostiqueur** : Kevin Marson
Analyse : MOB 1 (Additional Tests: KF, KV100, 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.