



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur
MICHAUDVILLE
Identité de la machine
1219

Composant
Moteur diesel
Fluid
PETRO CANADA DURON SHP 10W30 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0088526	PC0082606	PC0056548
Date d'échant.		Client Info		01 Apr 2024	14 Nov 2023	21 Feb 2023
Âge d la Machine	hrs	Client Info		12022	11582	10528
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.				NORMAL	NORMAL	NORMAL

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	9	9	8
Chrome	ppm	ASTM D5185(m)	>20	0	0	0
Nickel	ppm	ASTM D5185(m)	>4	0	0	0
Titane	ppm	ASTM D5185(m)		0	0	<1
Argent	ppm	ASTM D5185(m)	>3	0	<1	0
Aluminium	ppm	ASTM D5185(m)	>20	4	2	3
Plomb	ppm	ASTM D5185(m)	>40	0	0	0
Cuivre	ppm	ASTM D5185(m)	>330	<1	<1	<1
Étain	ppm	ASTM D5185(m)	>15	0	0	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

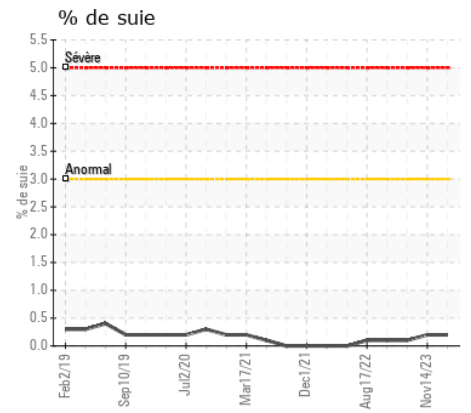
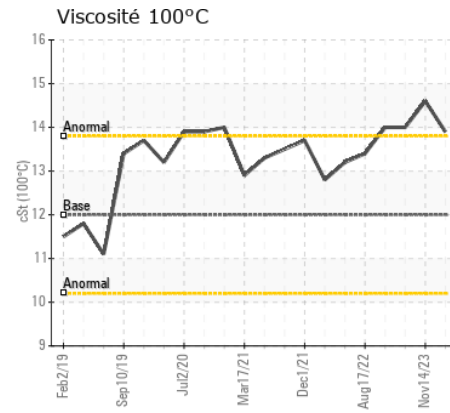
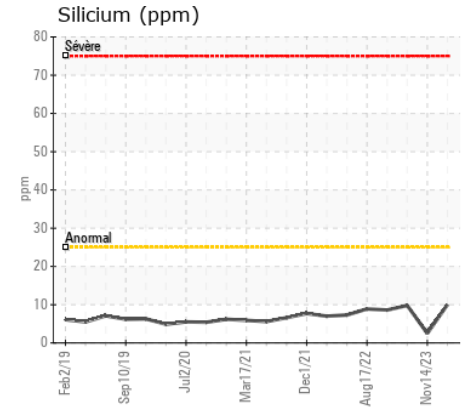
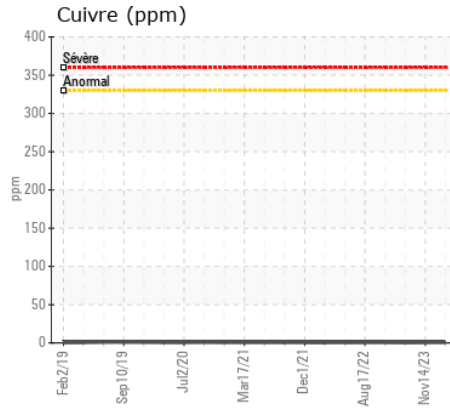
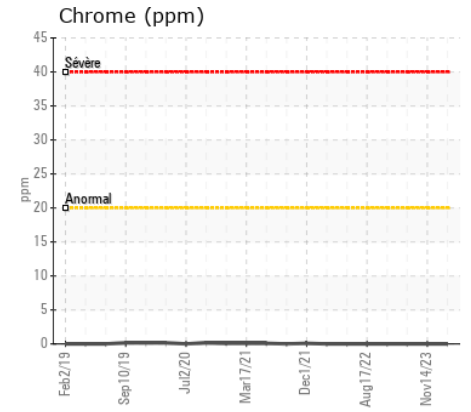
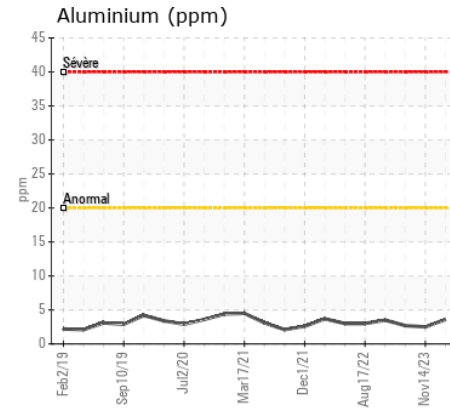
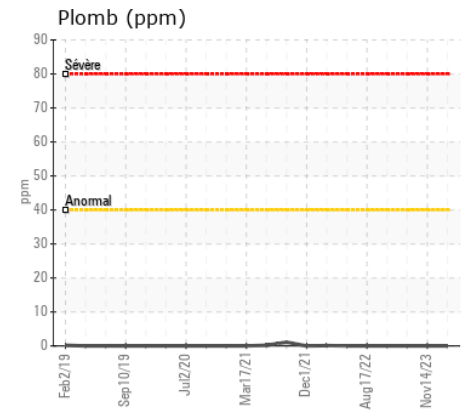
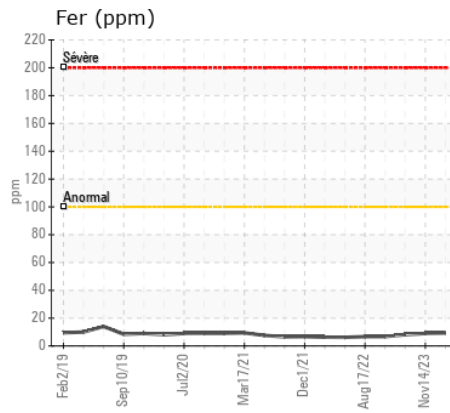
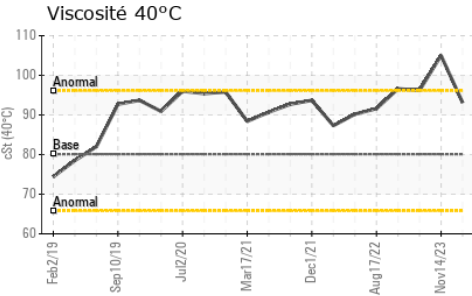
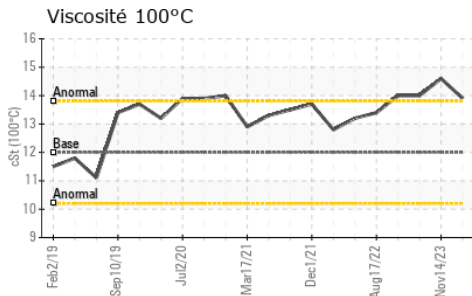
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	10	2	10
Potassium	ppm	ASTM D5185(m)	>20	2	1	3
Essence		WC Method	>5	<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*	>3	0.2	0.2	0.1
Nitration	Abs/cm	ASTM D7624*	>20	7.3	7.1	7.5
Sulfatation	Abs/.1mm	ASTM D7415*	>30	19.5	19.3	20.7
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG

ÉTAT DU FLUIDE

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		1	2	2
Bore	ppm	ASTM D5185(m)	2	1	<1	2
Baryum	ppm	ASTM D5185(m)	0	0	0	0
Molybdène	ppm	ASTM D5185(m)	50	56	61	60
Manganèse	ppm	ASTM D5185(m)	0	0	0	<1
Magnésium	ppm	ASTM D5185(m)	950	939	982	979
Calcium	ppm	ASTM D5185(m)	1050	1120	1038	1135
Phosphore	ppm	ASTM D5185(m)	995	988	1018	1113
Zinc	ppm	ASTM D5185(m)	1180	1174	1205	1214
Soufre	ppm	ASTM D5185(m)	2600	2554	2536	2730
Oxydation	Abs/.1mm	ASTM D7414*	>25	15.3	14.7	15.0
Visc 40°C	cSt	ASTM D7279(m)	80.1	93.1	105	96.2
Visc 100°C	cSt	ASTM D7279(m)	12.00	13.9	14.6	14.0
Indice de viscosité (VI)	Scale	ASTM D2270*	144	152	143	148



ISO 17025:2017
Accredited
Laboratory

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

N° d'échantillon : PC0088526

N° de laboratoire : 02625974

Numéro unique : 5759106

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

Reçu : 02 Apr 2024

Tested : 02 Apr 2024

Diagnostiqué : 02 Apr 2024 - Wes Davis

LES ENTREPRISES MICHAUVILLE INC.

270 RUE BRUNET

MONT ST-HILAIRE, QC

CA J3H 0M6

Contact: Martin Trudel

mtrudel@michaudville.com

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.

T:

F: