



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur
MICHAUDVILLE

Identité de la machine

1507

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		PC0084411	PC0078349	PC0075812
Date d'échant.		Client Info		28 Feb 2024	30 Aug 2023	07 Jun 2023
Âge d la Machine	hrs	Client Info		9818	9332	8919
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	12	11	11
Chrome	ppm	ASTM D5185(m)	>20	0	0	0
Nickel	ppm	ASTM D5185(m)	>4	<1	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	<1	0	<1
Cuivre	ppm	ASTM D5185(m)	>330	<1	<1	<1
Étain	ppm	ASTM D5185(m)	>15	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

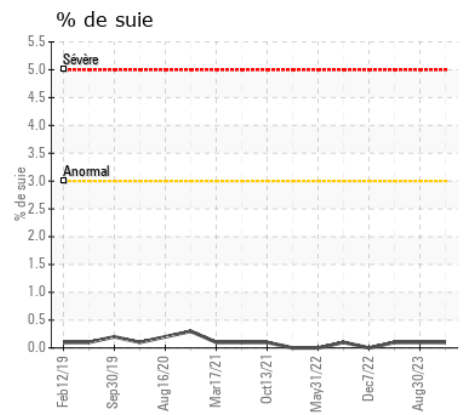
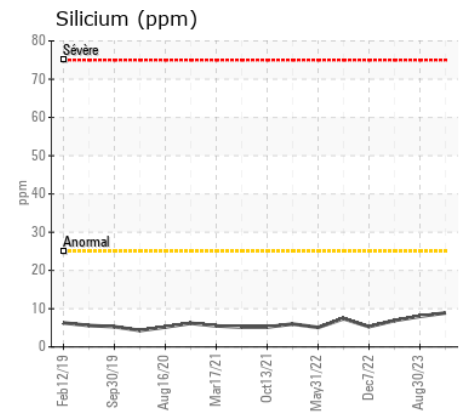
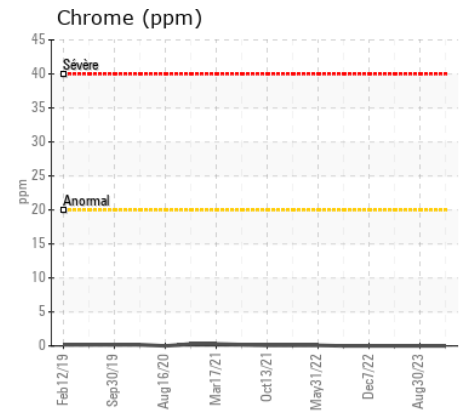
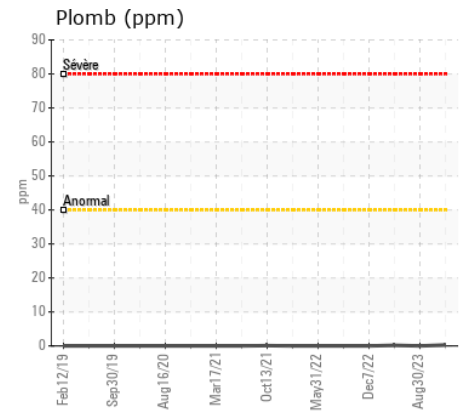
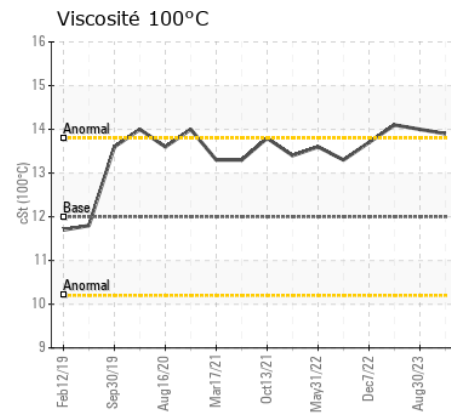
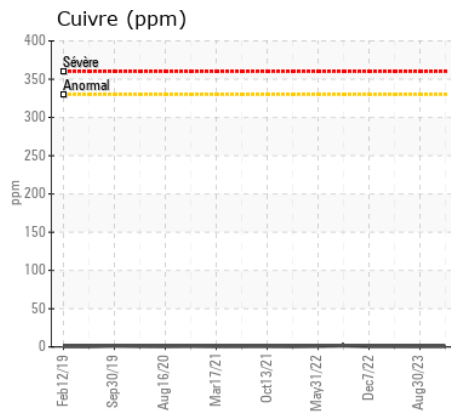
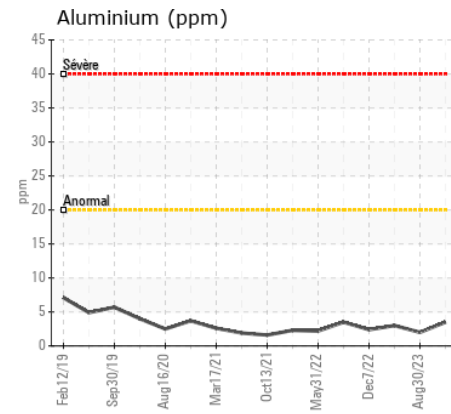
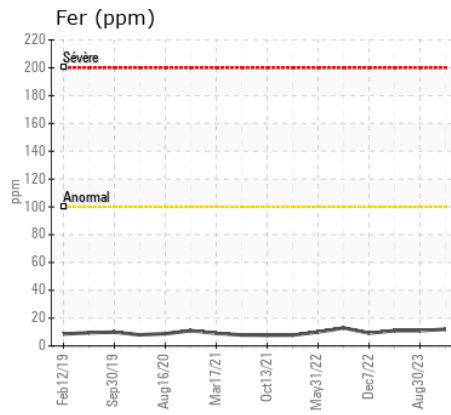
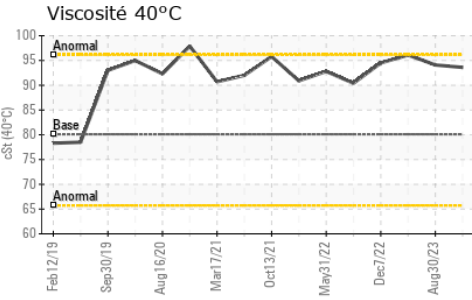
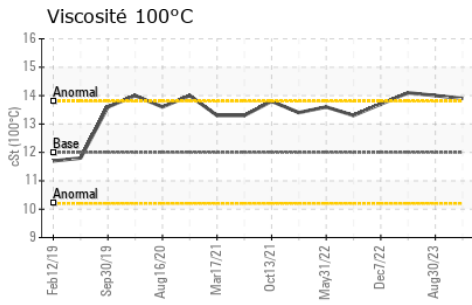
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	9	8	7
Potassium	ppm	ASTM D5185(m)	>20	5	2	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	0.1	0.1	0.1
Nitration	Abs/cm	ASTM D7624*	>20	7.5	6.9	7.2
Sulfatation	Abs/.1mm	ASTM D7415*	>30	18.7	21.2	18.4
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	4	1
Bore	ppm	ASTM D5185(m)	2	<1	1	2
Baryum	ppm	ASTM D5185(m)	0	0	0	0
Molybdène	ppm	ASTM D5185(m)	50	59	57	60
Manganèse	ppm	ASTM D5185(m)	0	0	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	957	940	986
Calcium	ppm	ASTM D5185(m)	1050	1077	1151	1146
Phosphore	ppm	ASTM D5185(m)	995	1019	1084	1106
Zinc	ppm	ASTM D5185(m)	1180	1161	1199	1212
Soufre	ppm	ASTM D5185(m)	2600	2691	2686	2711
Oxydation	Abs/.1mm	ASTM D7414*	>25	14.9	15.2	14.4
Visc 40°C	cSt	ASTM D7279(m)	80.1	93.6	94.1	96.1
Visc 100°C	cSt	ASTM D7279(m)	12.00	13.9	14.0	14.1
Indice de viscosité (VI)	Scale	ASTM D2270*	144	151	152	150



ISO 17025:2017
Accredited
Laboratory

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

N° d'échantillon : PC0084411

N° de laboratoire : 02618897

Numéro unique : 5736007

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

Reçu : 29 Feb 2024

Tested : 29 Feb 2024

Diagnostiqué : 29 Feb 2024 - Wes Davis

LES ENTREPRISES MICHAUVILLE INC.

270 RUE BRUNET

MONT ST-HILAIRE, QC

CA J3H 0M6

Contact: Martin Trudel

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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.

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