



USURE	NORMAL
CONTAMINATION	ANORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur
MICHAUDVILLE
Identité de la machine
1206

Composant
Moteur diesel

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

RECOMMENDATION

We advise that you check the air filter, air induction system, and any areas where dirt may enter the component. We recommend that you drain the oil from the component if this has not already been done. We recommend you service the filters on this component. We recommend an early resample to monitor this condition. Please specify the component make and model with your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0083697	PC0083673	PC0075870
Date d'échant.		Client Info		21 Jan 2024	26 Dec 2023	10 Oct 2023
Âge d la Machine	kms	Client Info		346056	360822	483
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	N/A	N/A
Filtre changé		Client Info		N/A	N/A	N/A
Statut de l'échant.				ABNORMAL	NORMAL	NORMAL

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	2	4	8
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	0
Argent	ppm	ASTM D5185(m)	>3	0	0	<1
Aluminium	ppm	ASTM D5185(m)	>20	2	2	5
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	0
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

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

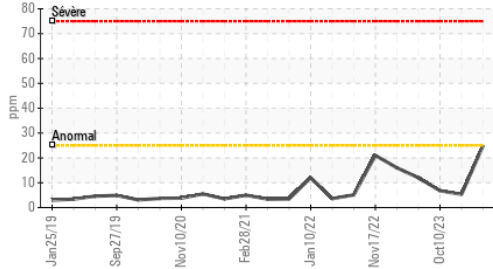
Silicium	ppm	ASTM D5185(m)	>25	▲ 25	5	7
Potassium	ppm	ASTM D5185(m)	>20	1	3	6
Essence		WC Method	>5	<1.0	<1.0	<1.0
L'eau		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	5.1	6.1	6.8
Sulfatation	Abs/.1mm	ASTM D7415*	>30	18.1	20.2	22.6
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG

ÉTAT DU FLUIDE

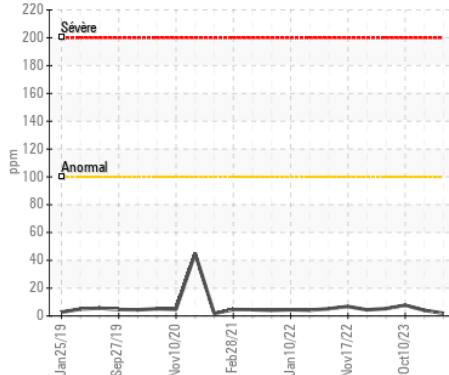
The oil is no longer serviceable due to the presence of contaminants.

Sodium	ppm	ASTM D5185(m)		<1	1	2
Bore	ppm	ASTM D5185(m)	2	<1	<1	1
Baryum	ppm	ASTM D5185(m)	0	0	0	<1
Molybdène	ppm	ASTM D5185(m)	50	56	52	56
Manganèse	ppm	ASTM D5185(m)	0	0	0	0
Magnésium	ppm	ASTM D5185(m)	950	939	869	917
Calcium	ppm	ASTM D5185(m)	1050	1093	1209	1127
Phosphore	ppm	ASTM D5185(m)	995	1021	992	1006
Zinc	ppm	ASTM D5185(m)	1180	1172	1141	1184
Soufre	ppm	ASTM D5185(m)	2600	2829	2799	2644
Oxydation	Abs/.1mm	ASTM D7414*	>25	13.9	15.7	20.9
Visc 40°C	cSt	ASTM D7279(m)	80.1	94.4	90.7	90.3
Visc 100°C	cSt	ASTM D7279(m)	12.00	14.0	13.7	13.7
Indice de viscosité (VI)	Scale	ASTM D2270*	144	151	153	154

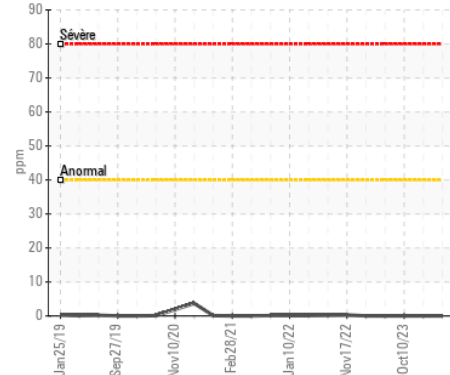
▲ Silicium (ppm)



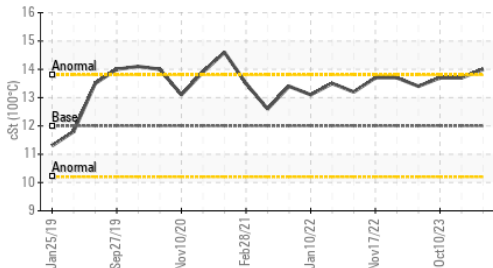
Fer (ppm)



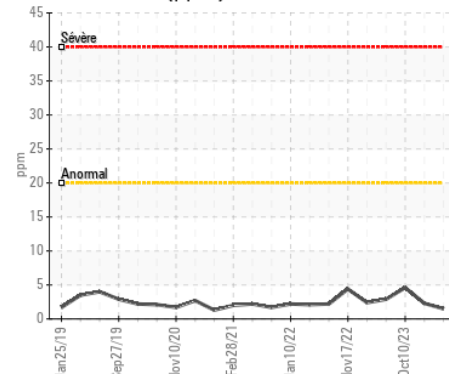
Plomb (ppm)



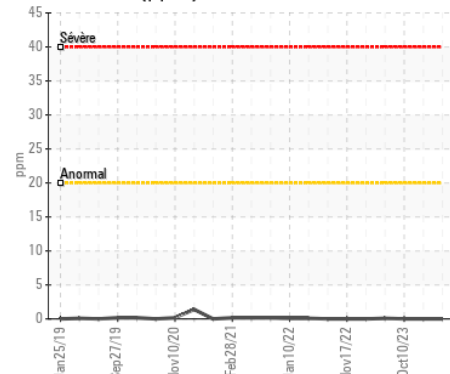
Viscosité 100°C



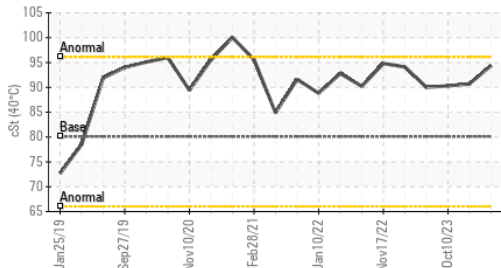
Aluminium (ppm)



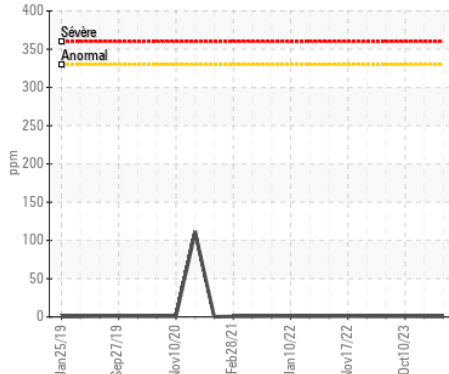
Chrome (ppm)



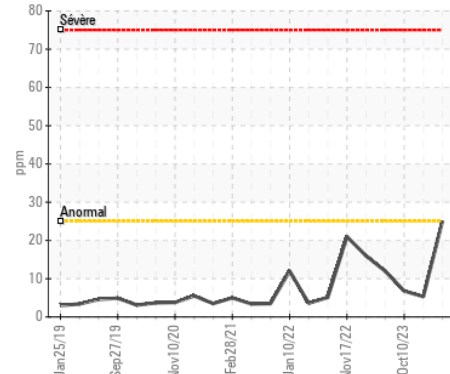
Viscosité 40°C



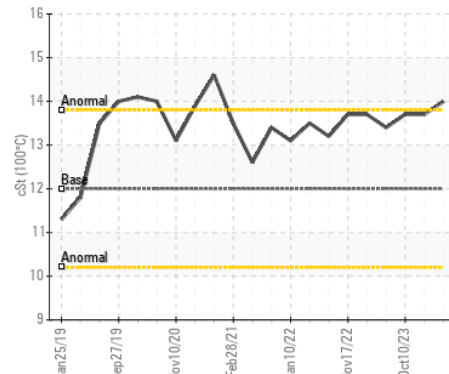
Cuivre (ppm)



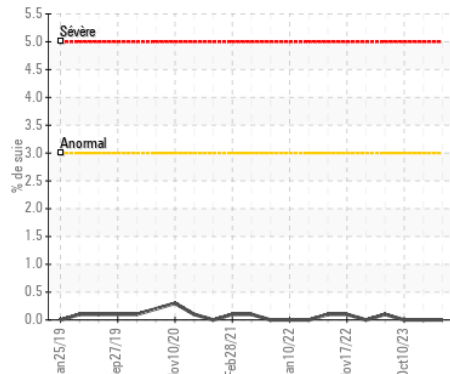
▲ Silicium (ppm)



Viscosité 100°C



% de suie



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Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUVILLE INC.**
N° d'échantillon : PC0083697 **Reçu** : 22 Jan 2024 270 RUE BRUNET
N° de laboratoire : 02610218 **Diagnostiqué** : 23 Jan 2024 MONT ST-HILAIRE, QC
Numéro unique : 5711304 **Diagnostiqueur** : Kevin Marson CA J3H 0M6
Analyse : MOB 1 (Additional Tests: KV40, VI) Contact: Martin Trudel

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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