



Secteur
MICHAUDVILLE
Identité de la machine
1221

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 advise that you flush the component thoroughly before re-filling with oil. We recommend you service the filters on this component. 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.

USURE

All component wear rates are normal.

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. High concentration of dirt present in the oil.

ÉTAT DU FLUIDE

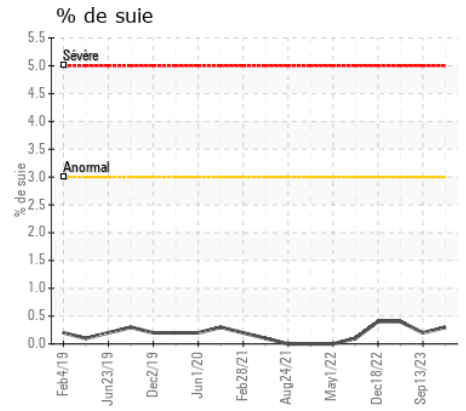
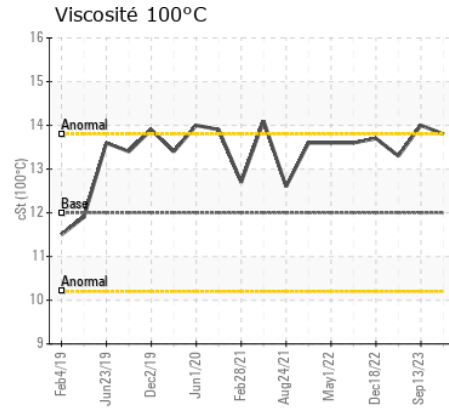
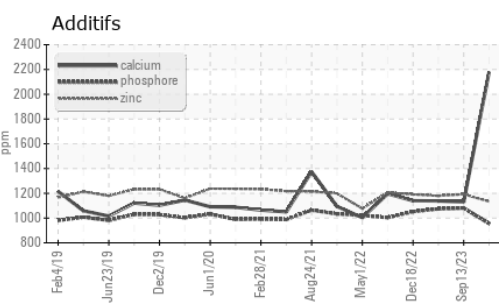
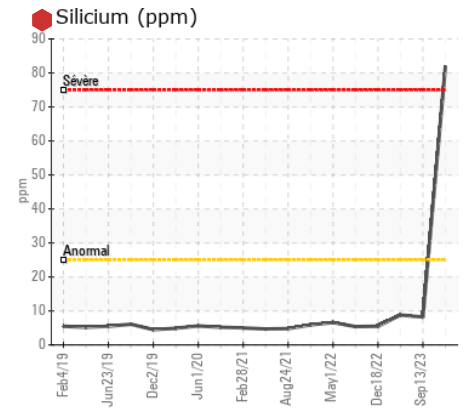
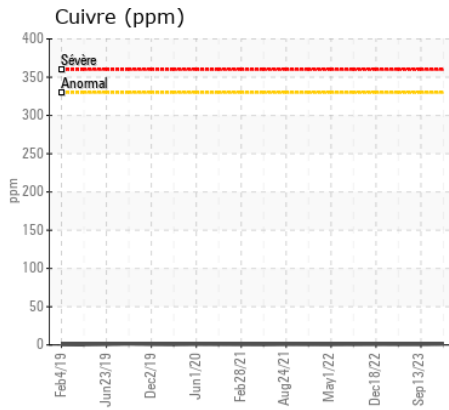
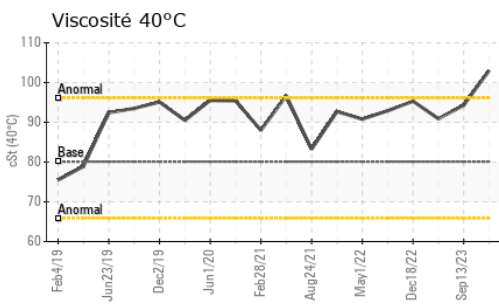
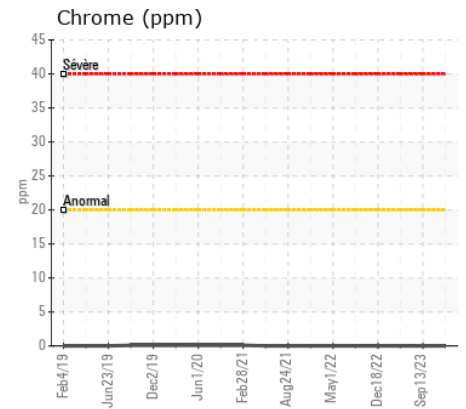
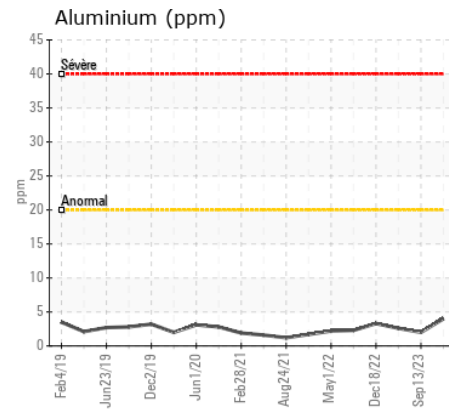
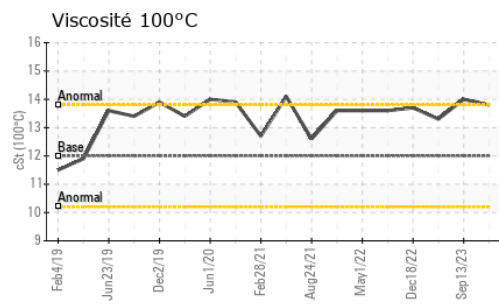
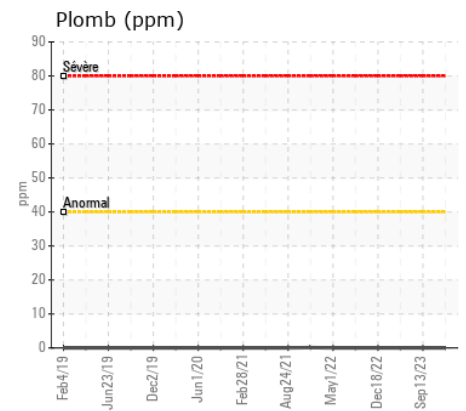
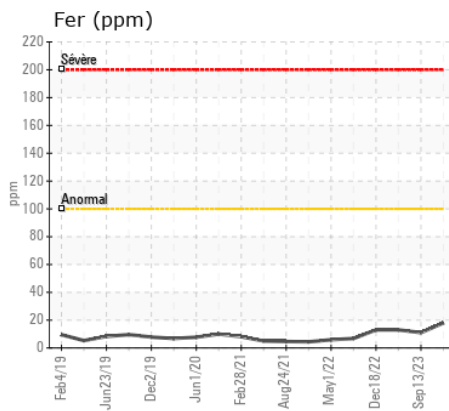
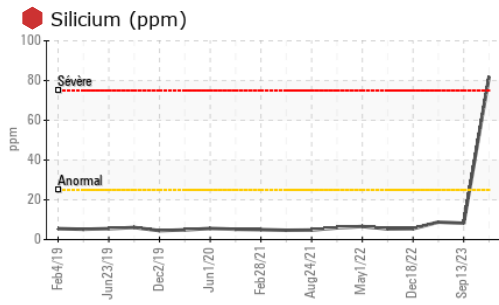
Additive levels indicate the addition of a different brand, or type of oil. The oil is no longer serviceable due to the presence of contaminants.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0077672	PC0077394	PC0072226
Date d'échant.		Client Info		19 Dec 2023	13 Sep 2023	24 May 2023
Âge d la Machine	hrs	Client Info		10954	10510	9993
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.				SEVERE	NORMAL	NORMAL

Fer	ppm	ASTM D5185(m)	>100	18	11	13
Chrome	ppm	ASTM D5185(m)	>20	0	0	0
Nickel	ppm	ASTM D5185(m)	>4	<1	<1	<1
Titane	ppm	ASTM D5185(m)		0	0	0
Argent	ppm	ASTM D5185(m)	>3	0	0	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	0
Vanadium	ppm	ASTM D5185(m)		0	0	0

Silicium	ppm	ASTM D5185(m)	>25	82	8	9
Potassium	ppm	ASTM D5185(m)	>20	10	3	4
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	0.3	0.2	0.4
Nitration	Abs/cm	ASTM D7624*	>20	8.3	7.5	8.4
Sulfatation	Abs/.1mm	ASTM D7415*	>30	21.5	19.7	19.5
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG

Sodium	ppm	ASTM D5185(m)		3	1	1
Bore	ppm	ASTM D5185(m)	2	113	1	4
Baryum	ppm	ASTM D5185(m)	0	0	0	0
Molybdène	ppm	ASTM D5185(m)	50	11	57	58
Manganèse	ppm	ASTM D5185(m)	0	0	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	62	942	968
Calcium	ppm	ASTM D5185(m)	1050	2179	1130	1138
Phosphore	ppm	ASTM D5185(m)	995	956	1081	1074
Zinc	ppm	ASTM D5185(m)	1180	1133	1192	1179
Soufre	ppm	ASTM D5185(m)	2600	2983	2590	2561
Oxydation	Abs/.1mm	ASTM D7414*	>25	17.0	15.4	15.9
Visc 40°C	cSt	ASTM D7279(m)	80.1	103	94.3	90.9
Visc 100°C	cSt	ASTM D7279(m)	12.00	13.8	14.0	13.3
Indice de viscosité (VI)	Scale	ASTM D2270*	144	134	151	146



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUVILLE INC.
N° d'échantillon : PC0077672 **Reçu** : 20 Dec 2023
N° de laboratoire : 02604355 **Diagnostiqué** : 20 Dec 2023
Numéro unique : 5697440 **Diagnostiqueur** : Kevin Marson
Analyse : MOB 1 (Additional Tests: KV40, 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.