MOB I

WEAR CHECK

RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur
52000 series
Identité de la machine
INTERNATIONAL 52846
Composant
Moteur diesel
Fluide
PETRO CANADA DURON SHP 10W30 (40 LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

USURE

All component wear rates are normal.

CONTAMINATION

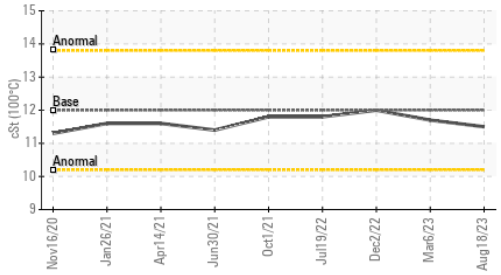
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil.

ÉTAT DU FLUIDE

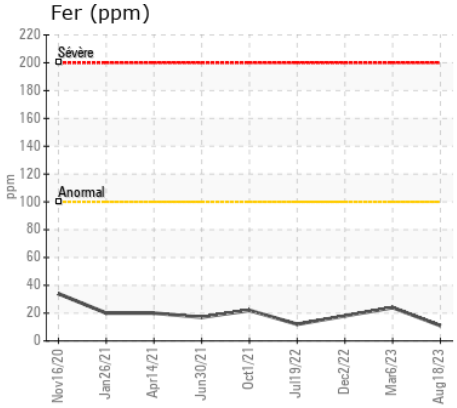
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		**WC0836026**	WC0787327	WC0758571
Date d'échant.		Client Info		**18 Aug 2023**	06 Mar 2023	02 Dec 2022
Âge d la Machine	mls	Client Info		**262121**	206830	179886
Âge de l'huile	mls	Client Info		**25120**	26937	47000
Âge du filtre	mls	Client Info		**25120**	26937	47000
Huile changée		Client Info		**Changed**	Changed	Changed
Filtre changé		Client Info		**Changed**	Changed	Changed
Statut de l'échant.				**NORMAL**	NORMAL	NORMAL
Fer	ppm	ASTM D5185(m)	>100	**11**	24	18
Chrome	ppm	ASTM D5185(m)	>20	**<1**	2	1
Nickel	ppm	ASTM D5185(m)	>4	**<1**	<1	<1
Titane	ppm	ASTM D5185(m)		**<1**	<1	<1
Argent	ppm	ASTM D5185(m)	>3	**0**	0	0
Aluminium	ppm	ASTM D5185(m)	>20	**5**	5	6
Plomb	ppm	ASTM D5185(m)	>40	**<1**	<1	<1
Cuivre	ppm	ASTM D5185(m)	>330	**1**	4	5
Étain	ppm	ASTM D5185(m)	>15	**0**	<1	<1
Vanadium	ppm	ASTM D5185(m)		**0**	0	0
Silicium	ppm	ASTM D5185(m)	>25	**5**	6	5
Potassium	ppm	ASTM D5185(m)	>20	**11**	5	10
Essence		WC Method	>5	**<1.0**	<1.0	<1.0
Glycol		WC Method		**NEG**	NEG	NEG
% de suie	%	ASTM D7844*	>3	**0.4**	1.2	1
Nitration	Abs/cm	ASTM D7624*	>20	**8.8**	9.4	8.5
Sulfatation	Abs/.1mm	ASTM D7415*	>30	**20.1**	21.5	21.8
Eau émulsifiée	scalar	Visual*	>0.2	**NEG**	NEG	NEG
Sodium	ppm	ASTM D5185(m)		**2**	2	2
Bore	ppm	ASTM D5185(m)	2	**1**	3	4
Baryum	ppm	ASTM D5185(m)	0	**0**	0	0
Molybdène	ppm	ASTM D5185(m)	50	**60**	62	55
Manganèse	ppm	ASTM D5185(m)	0	**<1**	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	**1001**	987	892
Calcium	ppm	ASTM D5185(m)	1050	**1101**	1236	1188
Phosphore	ppm	ASTM D5185(m)	995	**1098**	1151	1051
Zinc	ppm	ASTM D5185(m)	1180	**1229**	1264	1172
Soufre	ppm	ASTM D5185(m)	2600	**2580**	2729	2584
Oxydation	Abs/.1mm	ASTM D7414*	>25	**15.8**	15.8	14.9
Visc 100°C	cSt	ASTM D7279(m)	12.00	**11.5**	11.7	12.0

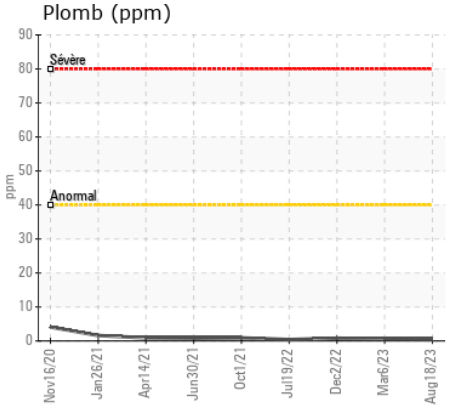
Viscosité 100°C



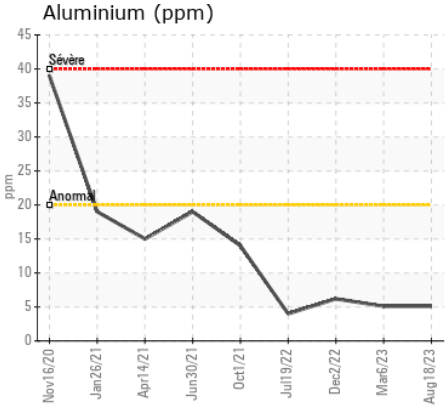
Fer (ppm)



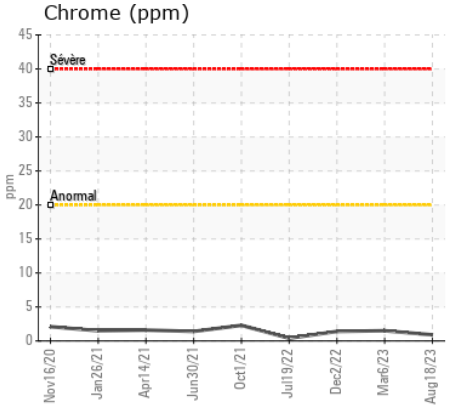
Plomb (ppm)



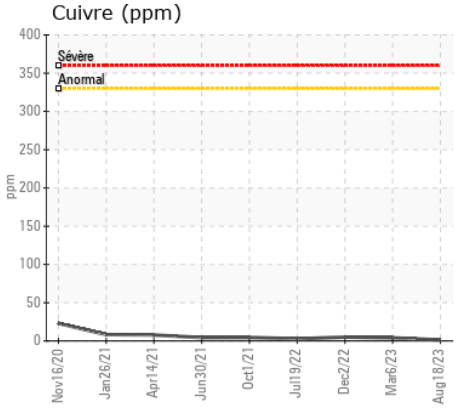
Aluminium (ppm)



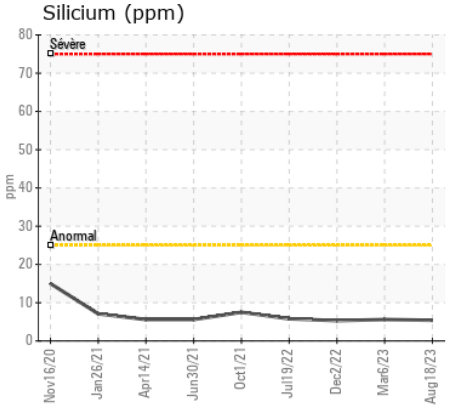
Chrome (ppm)



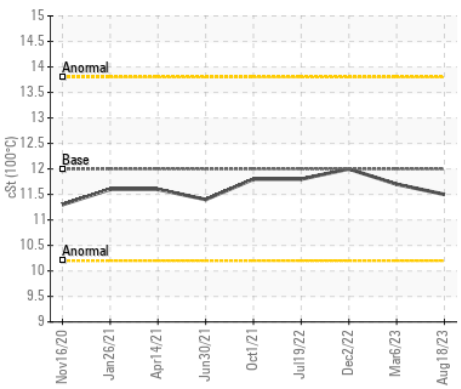
Cuivre (ppm)



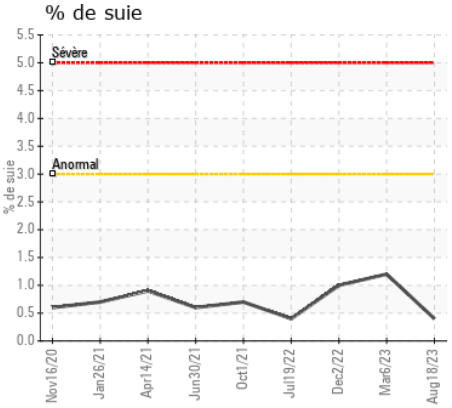
Silicium (ppm)



Viscosité 100°C



% de suie



ISO 17025:2017 Accredited Laboratory

Laboratoire	: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9		
Nº d'échantillon	: WC0836026	**Reçu**	: 15 Sep 2023
Nº de laboratoire	: 02582656	**Diagnostiqué**	: 15 Sep 2023
Numéro unique	: 5643721	**Diagnostiqueur**	: Wes Davis
Analyse	: MOB 1		

Pour discuter cetter 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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