MOB LUBE 360 OIL DIAGNOSTICS

RAPPORT D'ANALYSE D'HUILE

USURE	ANORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine
INTERNATIONAL 1071
Composant
Moteur diesel
Fluid
PETRO CANADA DURON SHP 10W30 (--- GAL)

RECOMMENDATION

Nous vous recommandons de vidanger l`huile de ce composant si vous ne l`avez pas déjà fait. Nous vous recommandons d`échantillonner de nouveau dès que possible afin de contrôler la situation.

USURE

Usure de cylindre, de vilebrequin ou d`arbre à cames.

CONTAMINATION

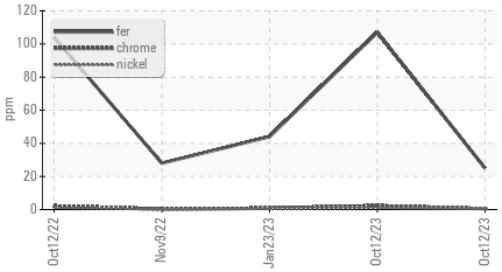
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n`y a aucun indice de contamination dans l`huile.

ÉTAT DU FLUIDE

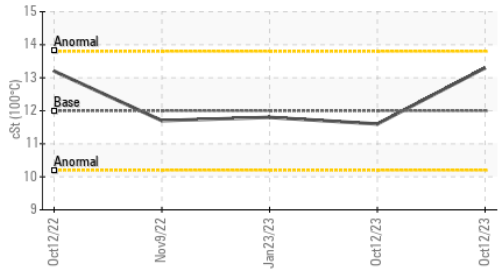
l`huile n'est plus en état de service en raison d'une usure anomale et/ou sévère.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0072180	PC0072215	PC0066926
Date d'échant.		Client Info		12 Oct 2023	12 Oct 2023	23 Jan 2023
Âge d la Machine	hrs	Client Info		114658	114655	38234
Âge de l'huile	hrs	Client Info		21054	21054	38234
Âge du filtre	hrs	Client Info		21054	21054	38234
Huile changée		Client Info		Not Changd	Not Changd	Not Changd
Filtre changé		Client Info		Not Changd	Not Changd	Not Changd
Statut de l'échant.				ABNORMAL	NORMAL	NORMAL
PQ		ASTM D8184*		0	---	---
Fer	ppm	ASTM D5185(m)	>100	▲ 107	25	44
Chrome	ppm	ASTM D5185(m)	>20	2	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	1	<1	<1
Titane	ppm	ASTM D5185(m)		0	0	<1
Argent	ppm	ASTM D5185(m)	>3	<1	0	<1
Aluminium	ppm	ASTM D5185(m)	>20	13	7	6
Plomb	ppm	ASTM D5185(m)	>40	<1	0	0
Cuivre	ppm	ASTM D5185(m)	>330	11	2	11
Étain	ppm	ASTM D5185(m)	>15	2	<1	1
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	VLITE	VLITE	---
Bronze	scalar	Visual*	NONE	NONE	NONE	---
Silicium	ppm	ASTM D5185(m)	>25	12	4	15
Potassium	ppm	ASTM D5185(m)	>20	17	6	12
Essence		WC Method	>2.0	<1.0	<1.0	<1.0
L`eau		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	0.0	NEG
% de suie	%	ASTM D7844*	>3	0.9	0.3	0.2
Nitration	Abs/cm	ASTM D7624*	>20	15.8	9.6	12.2
Sulfatation	Abs/.1mm	ASTM D7415*	>30	28.2	20.7	24.5
Limon	scalar	Visual*	NONE	NONE	NONE	---
Débris	scalar	Visual*	NONE	NONE	NONE	---
Saleté	scalar	Visual*	NONE	NONE	NONE	---
Apparence	scalar	Visual*	NORML	NORML	NORML	---
Odeur	scalar	Visual*	NORML	NORML	NORML	NORML
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185(m)		5	2	6
Bore	ppm	ASTM D5185(m)	2	11	2	21
Baryum	ppm	ASTM D5185(m)	0	2	0	3
Molybdène	ppm	ASTM D5185(m)	50	57	59	52
Manganèse	ppm	ASTM D5185(m)	0	5	<1	6
Magnésium	ppm	ASTM D5185(m)	950	934	970	837
Calcium	ppm	ASTM D5185(m)	1050	1247	1120	1287
Phosphore	ppm	ASTM D5185(m)	995	898	1020	761
Zinc	ppm	ASTM D5185(m)	1180	1037	1175	895
Soufre	ppm	ASTM D5185(m)	2600	2183	2595	2054
Oxydation	Abs/.1mm	ASTM D7414*	>25	28.9	17.6	23.0
Visc 40°C	cSt	ASTM D7279(m)	80.1	95.2	77.1	80.9
Visc 100°C	cSt	ASTM D7279(m)	12.00	13.3	11.6	11.8
Indice de viscosité (VI)	Scale	ASTM D2270*	144	139	143	139

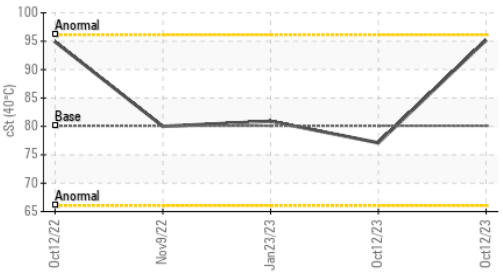
Alliages ferreux



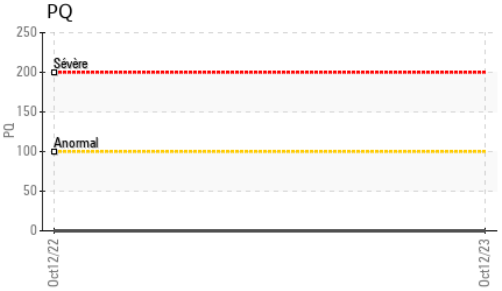
Viscosité 100°C



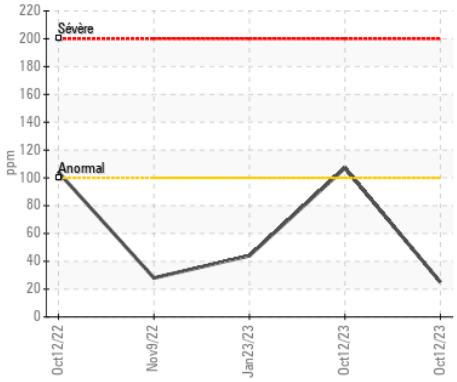
Viscosité 40°C



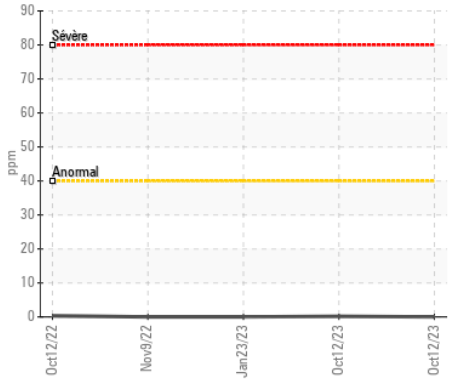
PQ



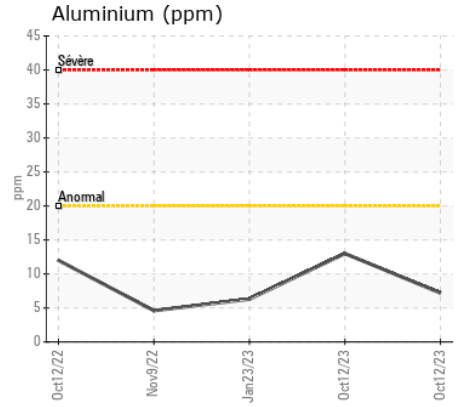
Fer (ppm)



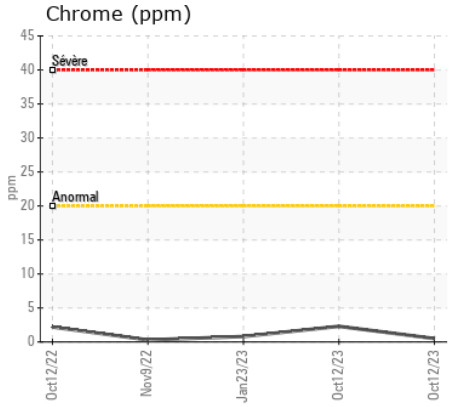
Plomb (ppm)



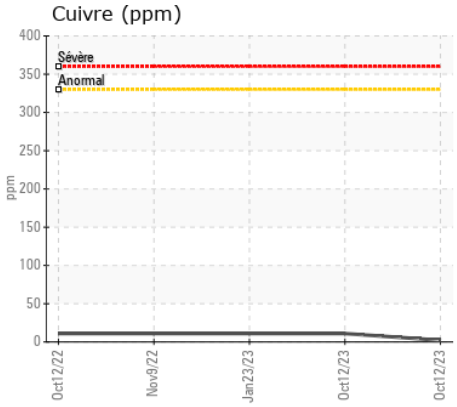
Aluminium (ppm)



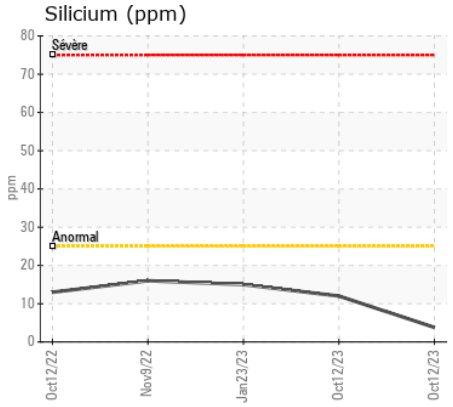
Chrome (ppm)



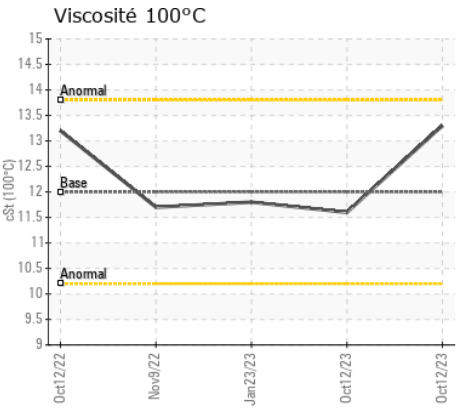
Cuivre (ppm)



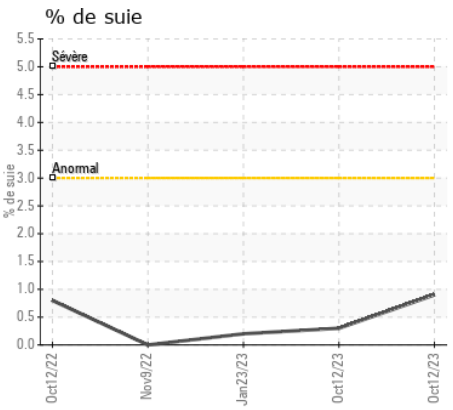
Silicium (ppm)



Viscosité 100°C



% de suie



ISO 17025:2017 Accredited Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Nº d'échantillon : PC0072180 **Reçu** : 12 Jan 2024
Nº de laboratoire : 02608473 **Diagnostiqué** : 15 Jan 2024
Numéro unique : 5709559 **Diagnostiqueur** : Kevin Marson
Analyse : MOB 1 (Additional Tests: KV40, PQ, VI, Visual)

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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