



Identité de la machine

MACK 3952

Composant

Moteur diesel

Fluide

PETRO CANADA DURON SHP 10W30 (--- LTR)

RECOMMANDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0073270	PC0059786	PC0051258
Date d'échant.		Client Info		26 Jun 2023	30 May 2022	09 Nov 2021
Âge d la Machine	kms	Client Info		177567	113060	0
Âge de l'huile	kms	Client Info		40779	26219	0
Âge du filtre	kms	Client Info		40779	26219	0
Huile changée		Client Info		Changed	Changed	N/A
Filtre changé		Client Info		Changed	Changed	N/A
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

Les taux d'usure de tous les composants sont normaux.

Fer	ppm	ASTM D5185(m)	>100	38	29	27
Chrome	ppm	ASTM D5185(m)	>20	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	<1	<1	<1
Titane	ppm	ASTM D5185(m)		0	<1	0
Argent	ppm	ASTM D5185(m)	>3	<1	0	<1
Aluminium	ppm	ASTM D5185(m)	>20	4	4	5
Plomb	ppm	ASTM D5185(m)	>40	2	2	2
Cuivre	ppm	ASTM D5185(m)	>330	12	16	23
Étain	ppm	ASTM D5185(m)	>15	1	2	3
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

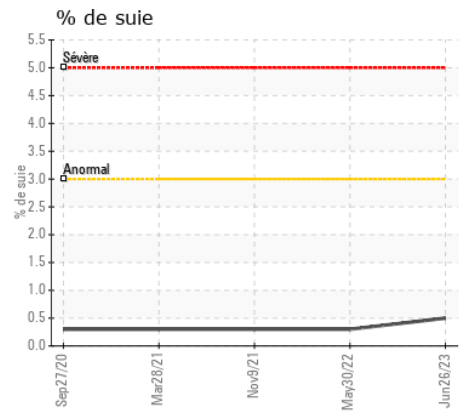
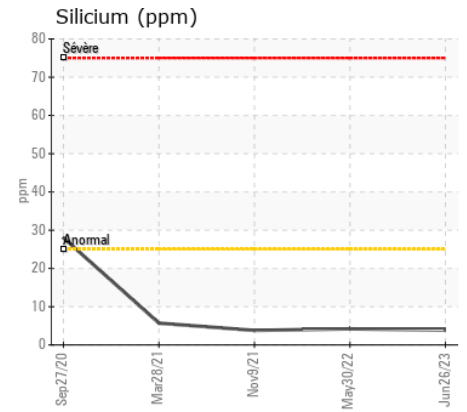
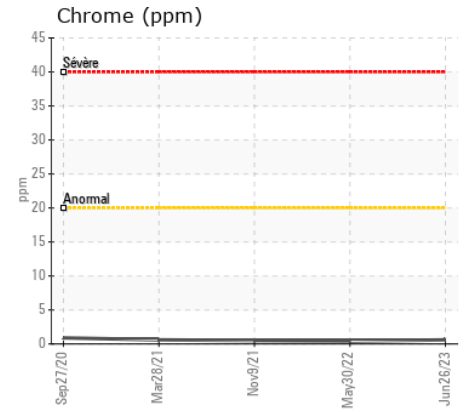
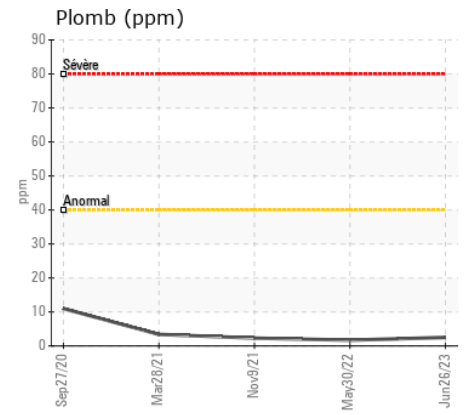
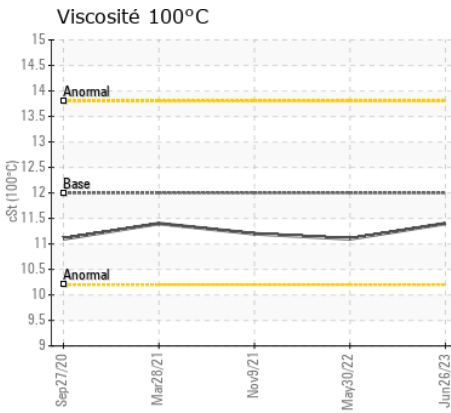
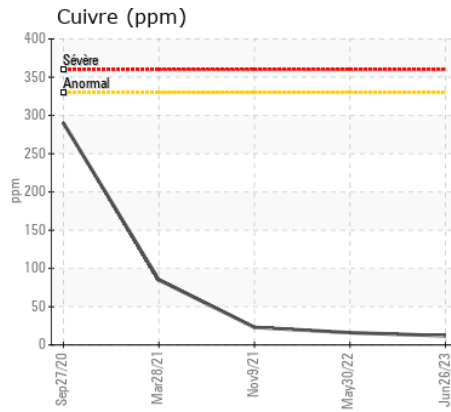
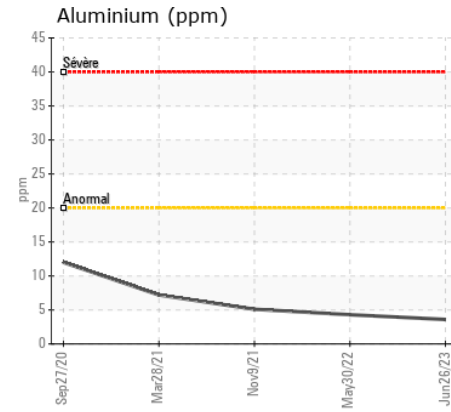
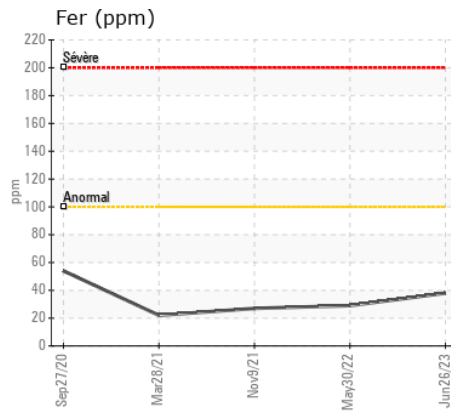
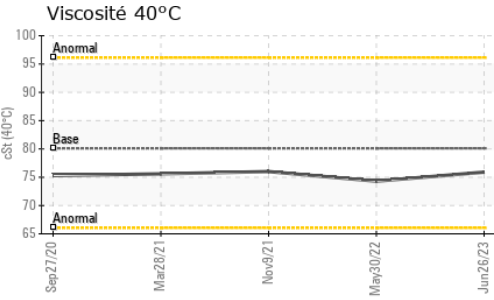
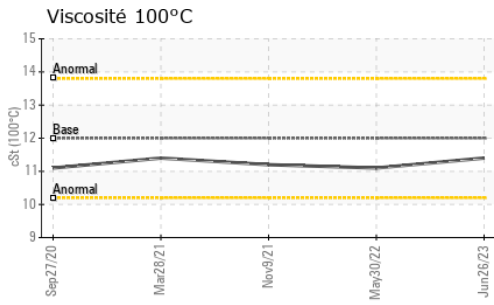
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	4	4	4
Potassium	ppm	ASTM D5185(m)	>20	7	9	14
Essence		WC Method	>5	<1.0	<1.0	<1.0
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0.5	0.3	0.3
Nitration	Abs/cm	ASTM D7624*	>20	11.2	10.5	9.6
Sulfatation	Abs/.1mm	ASTM D7415*	>30	24.1	24.0	23.0
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG

ÉTAT DU FLUIDE

L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		6	6	7
Bore	ppm	ASTM D5185(m)	2	4	4	2
Baryum	ppm	ASTM D5185(m)	0	0	0	0
Molybdène	ppm	ASTM D5185(m)	50	63	60	59
Manganèse	ppm	ASTM D5185(m)	0	<1	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	931	927	989
Calcium	ppm	ASTM D5185(m)	1050	1153	1118	1068
Phosphore	ppm	ASTM D5185(m)	995	976	884	937
Zinc	ppm	ASTM D5185(m)	1180	1173	1152	1180
Soufre	ppm	ASTM D5185(m)	2600	2379	2448	2206
Oxydation	Abs/.1mm	ASTM D7414*	>25	20.8	18.2	18.3
Visc 40°C	cSt	ASTM D7279(m)	80.1	75.9	74.3	76.0
Visc 100°C	cSt	ASTM D7279(m)	12.00	11.4	11.1	11.2
Indice de viscosité (VI)	Scale	ASTM D2270*	144	142	139	137



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0073270 **Reçu** : 11 Jul 2023
N° de laboratoire : 02568963 **Diagnostiqueur** : 11 Jul 2023
Numéro unique : 5606009 **Diagnostiqueur** : Wes Davis
Analyse : MOB 1 (Additional Tests: KV40, VI)

LOCATION BROSSARD INC
 2190 HYMUS
 DORVAL, QC
 CA H9P 1J7
 Contact: Shawn Lamoureux
 slamoureux@brossard.com

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.
 Validity of results and interpretation are based on the sample and information as supplied.

T:
F: