MOB II LUBE 360 OIL DIAGNOSTICS

RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine
229
Composant
Moteur diesel
Fluid
PETRO CANADA DURON UHP 5W40 (--- GAL)

RECOMMENDATION

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

USURE

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

CONTAMINATION

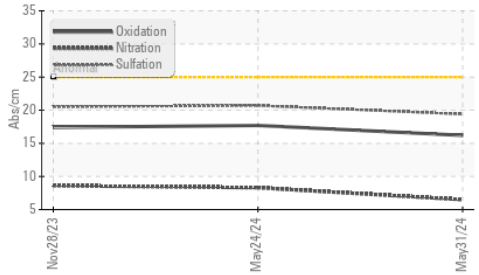
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n`y a aucun indice de contamination dans l'huile.

ÉTAT DU FLUIDE

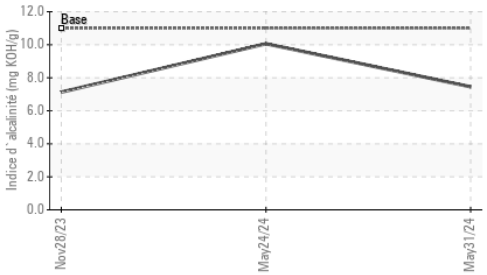
Le résultat pour le BN indique que la réserve d'alcalinité est acceptable pour l'huile. L'état de l'huile permet d'en prolonger l'utilisation.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0074240	PC0074239	PC0068996
Date d'échant.		Client Info		31 May 2024	24 May 2024	28 Nov 2023
Âge d la Machine	hrs	Client Info		4527	4510	4177
Âge de l'huile	hrs	Client Info		28	333	413
Âge du filtre	hrs	Client Info		28	333	413
Huile changée		Client Info		Changed	Changed	Changed
Filtre changé		Client Info		Changed	Changed	Changed
Statut de l'échant.				NORMAL	MARGINAL	NORMAL
Fer	ppm	ASTM D5185(m)	>65	7	19	14
Chrome	ppm	ASTM D5185(m)	>5	<1	1	2
Nickel	ppm	ASTM D5185(m)	>3	0	0	<1
Titane	ppm	ASTM D5185(m)	>5	0	0	0
Argent	ppm	ASTM D5185(m)	>2	0	0	<1
Aluminium	ppm	ASTM D5185(m)	>35	4	10	14
Plomb	ppm	ASTM D5185(m)	>10	0	▲ 9	<1
Cuivre	ppm	ASTM D5185(m)	>180	6	15	17
Étain	ppm	ASTM D5185(m)	>8	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
Silicium	ppm	ASTM D5185(m)	>15	3	3	3
Potassium	ppm	ASTM D5185(m)	>20	6	16	24
Essence		WC Method	>3.0	<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	0.1	0.2
Nitration	Abs/cm	ASTM D7624*	>20	6.5	8.3	8.6
Sulfatation	Abs/.1mm	ASTM D7415*	>30	19.4	20.7	20.5
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185(m)		4	4	3
Bore	ppm	ASTM D5185(m)	65	41	43	26
Baryum	ppm	ASTM D5185(m)	0	0	0	0
Molybdène	ppm	ASTM D5185(m)	65	54	57	44
Manganèse	ppm	ASTM D5185(m)	0	0	<1	0
Magnésium	ppm	ASTM D5185(m)	1160	1020	1022	806
Calcium	ppm	ASTM D5185(m)	820	863	925	1107
Phosphore	ppm	ASTM D5185(m)	1160	955	994	940
Zinc	ppm	ASTM D5185(m)	1260	1141	1166	1122
Soufre	ppm	ASTM D5185(m)	3000	2663	2652	2516
Oxydation	Abs/.1mm	ASTM D7414*	>25	16.2	17.7	17.4
Indice d'alcalinité	mg KOH/g	ASTM D2896*	11.0	7.45	10.06	7.13
Visc 40°C	cSt	ASTM D7279(m)	95.1	86.1	84.5	81.8
Visc 100°C	cSt	ASTM D7279(m)	14.3	13.9	13.8	13.1
Indice de viscosité (VI)	Scale	ASTM D2270*	169	166	167	161

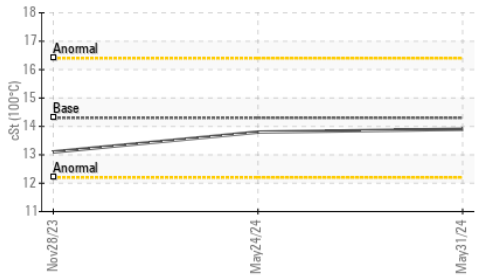
FT-IR (Direct Trend)



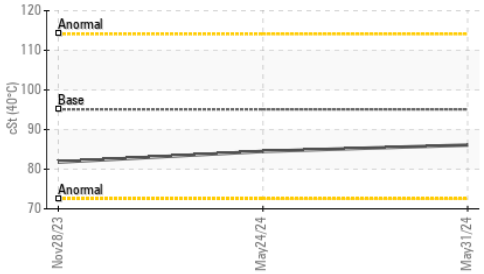
Indice d`alcalinité



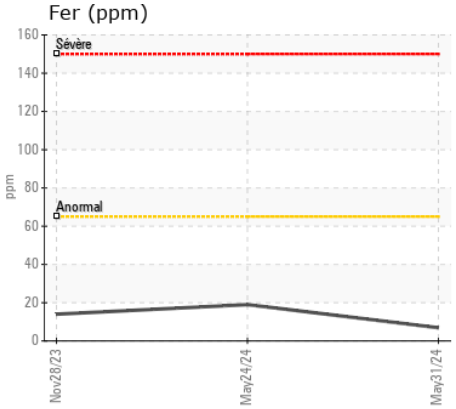
Viscosité 100°C



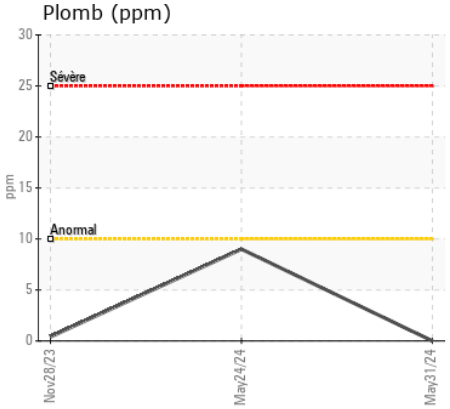
Viscosité 40°C



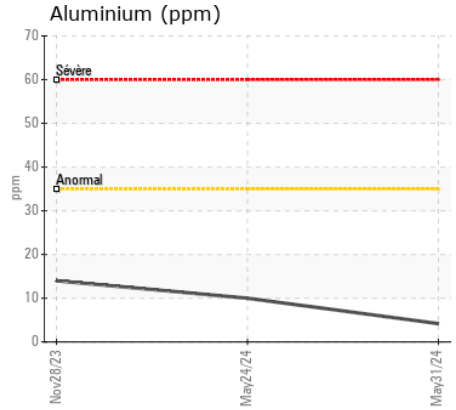
Fer (ppm)



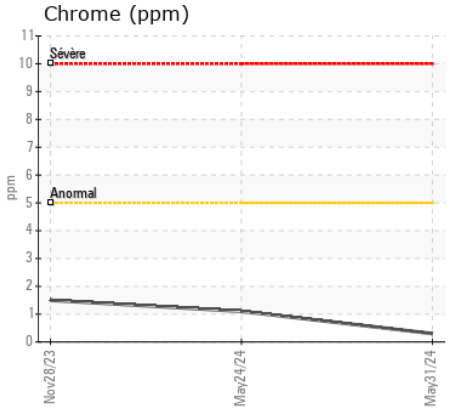
Plomb (ppm)



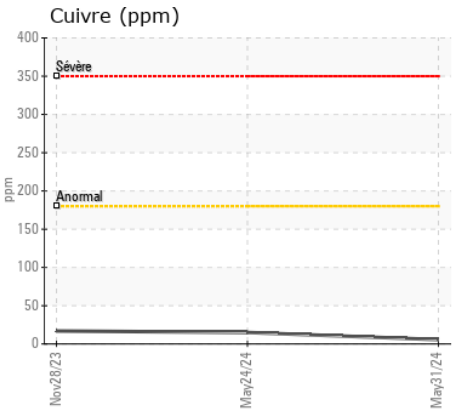
Aluminium (ppm)



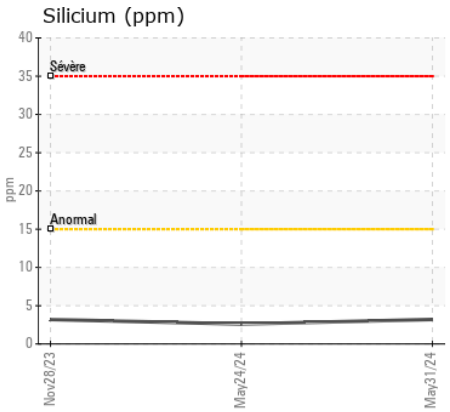
Chrome (ppm)



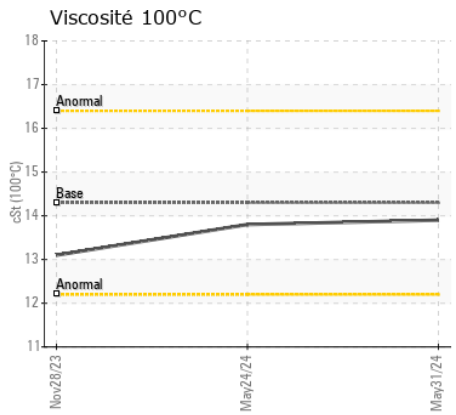
Cuivre (ppm)



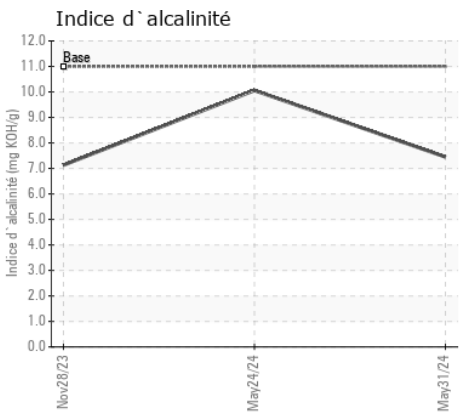
Silicium (ppm)



Viscosité 100°C



Indice d`alcalinité



ISO 17025:2017 Accredited Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Nº d'échantillon : PC0074240 **Reçu** : 06 Jun 2024
Nº de laboratoire : 02640180 **Tested** : 06 Jun 2024
Numéro unique : 5789342 **Diagnostiqué** : 06 Jun 2024 - Wes Davis
Analyse : MOB 2 (Additional Tests: KV40, VI)

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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