



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL



Secteur
(336305)
Identité de la machine
LIEBHERR L566 057382-1332
Composant
Moteur diesel
Fluid
PETRO CANADA DURON UHP 5W30 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		WC	LH	LH
Date d'échant.		Client Info		08 Feb 2024	19 Dec 2023	13 Sep 2023
Âge d la Machine	hrs	Client Info		5965	5600	5000
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	Changed
Filtre changé		Client Info		N/A	N/A	Changed
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	3	3	2
Chrome	ppm	ASTM D5185(m)	>5	0	0	0
Nickel	ppm	ASTM D5185(m)	>5	0	0	0
Titane	ppm	ASTM D5185(m)		0	0	<1
Argent	ppm	ASTM D5185(m)	>3	0	<1	0
Aluminium	ppm	ASTM D5185(m)	>15	1	1	<1
Plomb	ppm	ASTM D5185(m)	>30	<1	2	<1
Cuivre	ppm	ASTM D5185(m)	>125	1	2	1
Étain	ppm	ASTM D5185(m)	>5	0	<1	0
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

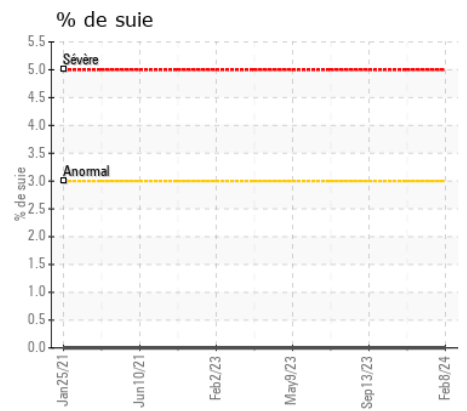
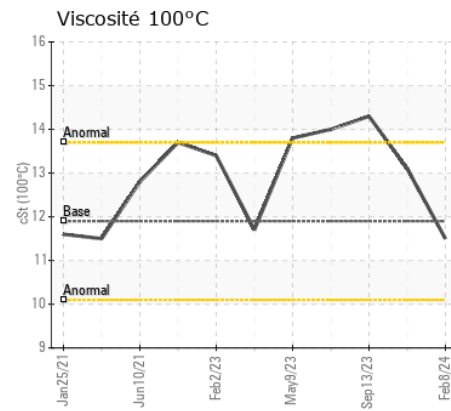
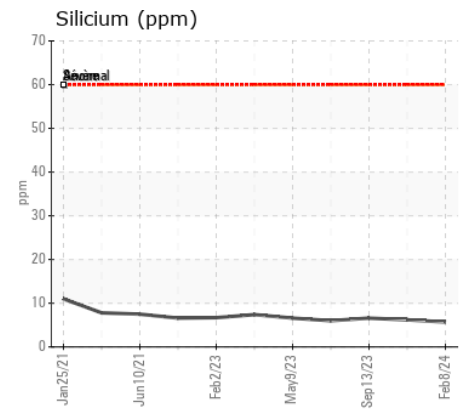
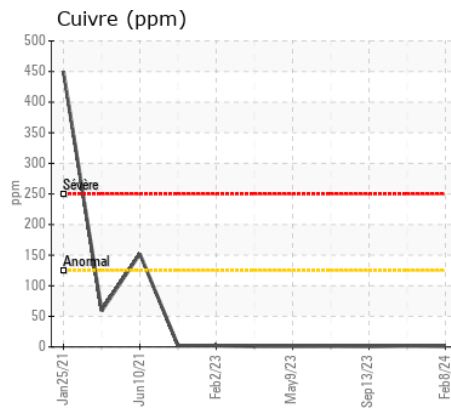
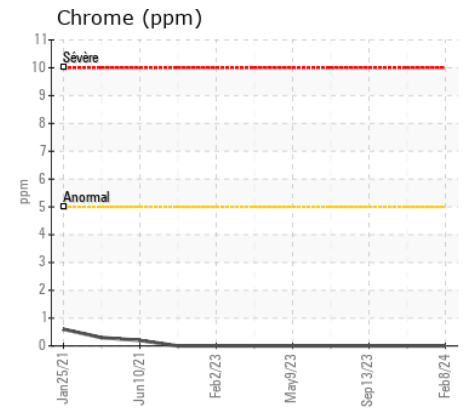
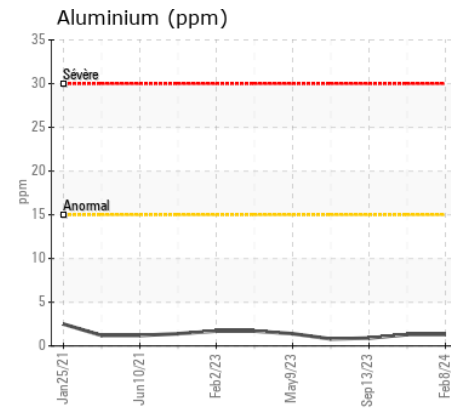
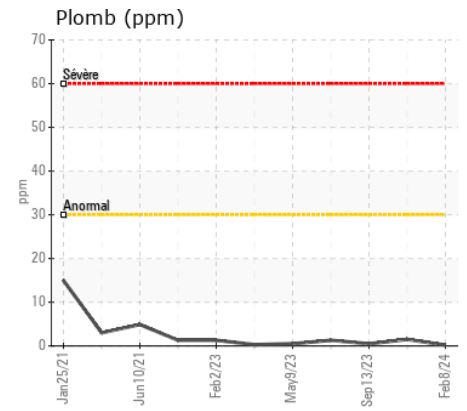
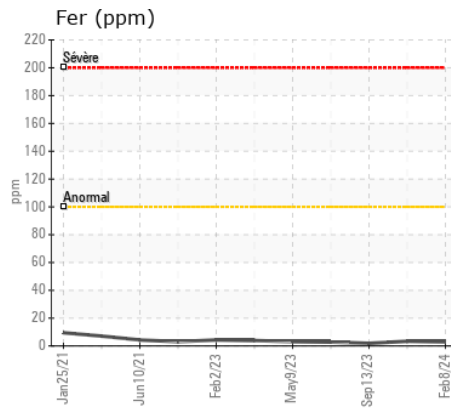
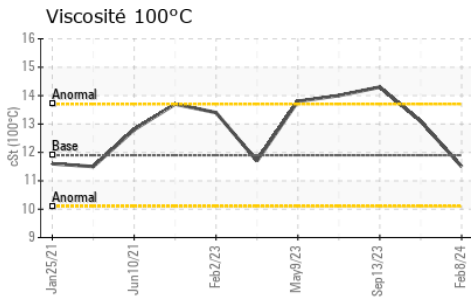
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>60	6	6	7
Potassium	ppm	ASTM D5185(m)	>20	<1	1	<1
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	0	0
Nitration	Abs/cm	ASTM D7624*	>20	8.5	8.3	5.2
Sulfatation	Abs/.1mm	ASTM D7415*	>30	19.4	18.2	17.6
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG

ÉTAT DU FLUIDE

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

Sodium	ppm	ASTM D5185(m)		3	1	1
Bore	ppm	ASTM D5185(m)	0	33	<1	1
Baryum	ppm	ASTM D5185(m)	0	0	0	0
Molybdène	ppm	ASTM D5185(m)	64	54	59	57
Manganèse	ppm	ASTM D5185(m)	0	0	0	0
Magnésium	ppm	ASTM D5185(m)	1160	1031	985	957
Calcium	ppm	ASTM D5185(m)	820	829	1083	1035
Phosphore	ppm	ASTM D5185(m)	1160	990	1047	1067
Zinc	ppm	ASTM D5185(m)	1260	1131	1195	1167
Soufre	ppm	ASTM D5185(m)	3000	2858	2759	2592
Oxydation	Abs/.1mm	ASTM D7414*	>25	17.6	15.8	13.3
Visc 100°C	cSt	ASTM D7279(m)	11.9	11.5	13.1	14.3



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

N° d'échantillon : WC

N° de laboratoire : 02616512

Numéro unique : 5733622

Analyse : MOB 1

Reçu : 20 Feb 2024

Tested : 20 Feb 2024

Diagnostiqué : 20 Feb 2024 - Wes Davis

CGC DIVISION GYPSUM

7200 RUE NOTRE-DAME EST

MONTREAL, QC

CA H1N 3L6

Contact: YVES CHEVALIER

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.

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