



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	ANORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

3000 series

Identité de la machine

Navistar 3283

Composant

Moteur diesel

Fluide

PETRO CANADA DURON SHP 10W30 (26 LTR)

RECOMMENDATION

We advise that you check for the source of the coolant leak. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		WC0836022	WC0813019	WC0758577
Date d'échant.		Client Info		10 Aug 2023	30 May 2023	11 Jan 2023
Âge d la Machine	mls	Client Info		543075	528297	507240
Âge de l'huile	mls	Client Info		14800	20994	20774
Âge du filtre	mls	Client Info		14800	20994	20774
Huile changée		Client Info		Changed	Changed	Changed
Filtre changé		Client Info		Changed	Changed	Changed
Statut de l'échant.				ABNORMAL	NORMAL	NORMAL

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>75	20	43	23
Chrome	ppm	ASTM D5185(m)	>5	<1	1	<1
Nickel	ppm	ASTM D5185(m)	>4	<1	<1	<1
Titane	ppm	ASTM D5185(m)	>2	<1	<1	<1
Argent	ppm	ASTM D5185(m)	>2	<1	0	0
Aluminium	ppm	ASTM D5185(m)	>15	4	6	9
Plomb	ppm	ASTM D5185(m)	>25	0	0	0
Cuivre	ppm	ASTM D5185(m)	>100	1	2	2
Étain	ppm	ASTM D5185(m)	>4	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

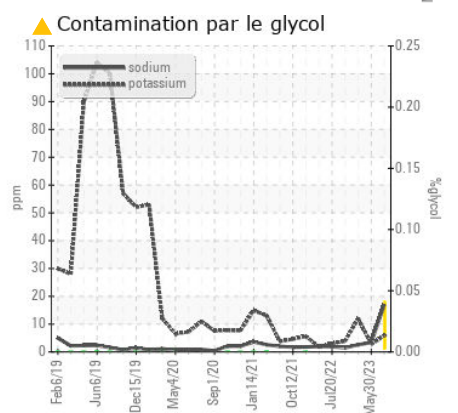
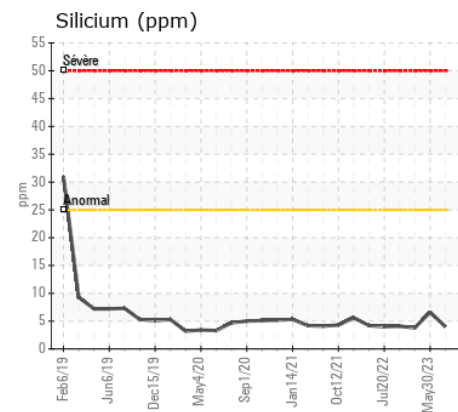
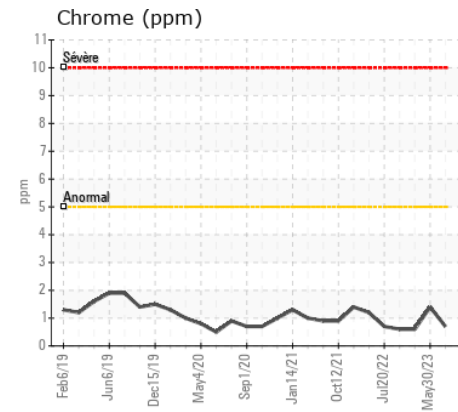
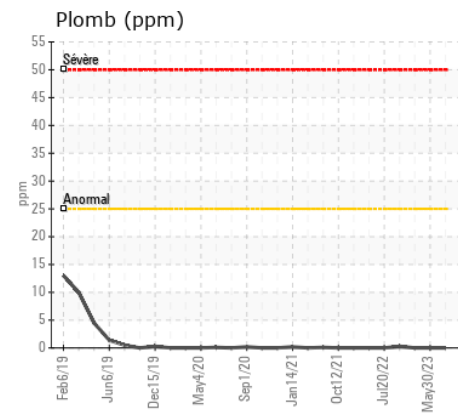
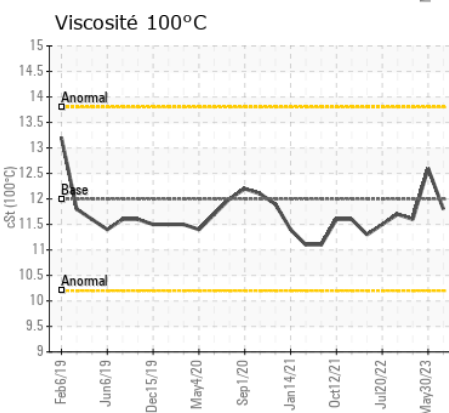
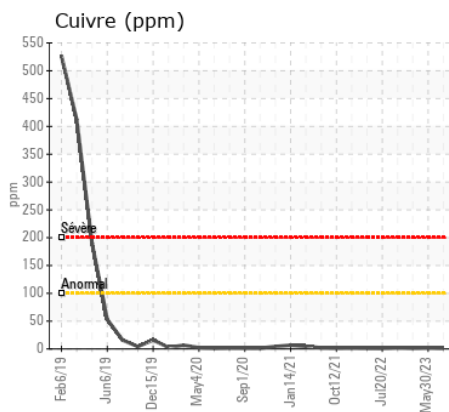
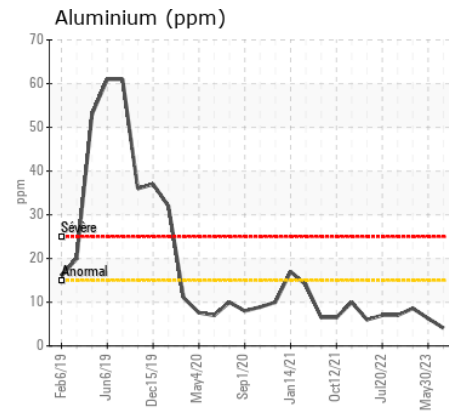
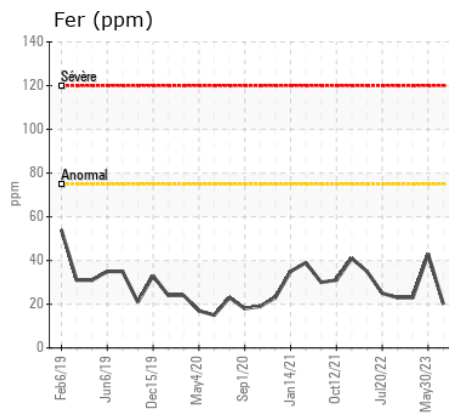
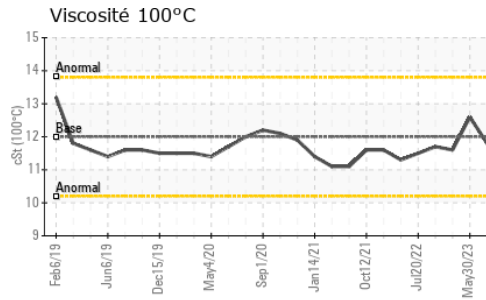
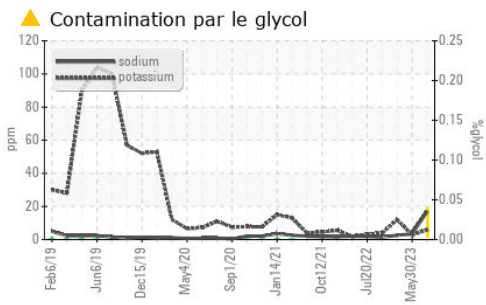
Test for glycol is positive. There is a moderate concentration of glycol present in the oil.

Silicium	ppm	ASTM D5185(m)	>25	4	7	4
Potassium	ppm	ASTM D5185(m)	>20	▲ 6	3	12
Essence		WC Method	>3.0	<1.0	<1.0	<1.0
Glycol	%	ASTM D7922*		▲ 0.041	NEG	NEG
% de suie	%	ASTM D7844*	>6	0.2	0.5	0.4
Nitration	Abs/cm	ASTM D7624*	>20	11.9	15.0	12.4
Sulfatation	Abs/.1mm	ASTM D7415*	>30	22.3	25.4	22.9
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG

ÉTAT DU FLUIDE

The oil is no longer serviceable due to the presence of contaminants.

Sodium	ppm	ASTM D5185(m)		17	3	3
Bore	ppm	ASTM D5185(m)	2	2	4	3
Baryum	ppm	ASTM D5185(m)	0	0	0	0
Molybdène	ppm	ASTM D5185(m)	50	61	61	62
Manganèse	ppm	ASTM D5185(m)	0	<1	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	987	974	986
Calcium	ppm	ASTM D5185(m)	1050	1087	1114	1171
Phosphore	ppm	ASTM D5185(m)	995	1075	1015	1076
Zinc	ppm	ASTM D5185(m)	1180	1232	1216	1229
Soufre	ppm	ASTM D5185(m)	2600	2529	2451	2577
Oxydation	Abs/.1mm	ASTM D7414*	>25	19.9	24.9	18.5
Visc 100°C	cSt	ASTM D7279(m)	12.00	11.8	12.6	11.6



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0836022
N° de laboratoire : 02582661
Numéro unique : 5643726
Analyse : MOB 1 (Additional Tests: Glycol)

Reçu : 15 Sep 2023
Diagnostiqué : 15 Sep 2023
Diagnostiqueur : Wes Davis

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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