



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur
MICHAUDVILLE
Identité de la machine
8509

Composant
Système hydraulique

Fluide
PETRO CANADA PRODURO TO-4 SYNTHETIC ALL SEASON (--- GAL)

RECOMMENDATION

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please contact your representative for information regarding the proper sampling kits for your service. NOTE: We recommend using MOB 2 test kits, this testkit includes Particle Count to determine the ISO cleanliness of the fluid.

USURE

All component wear rates are normal.

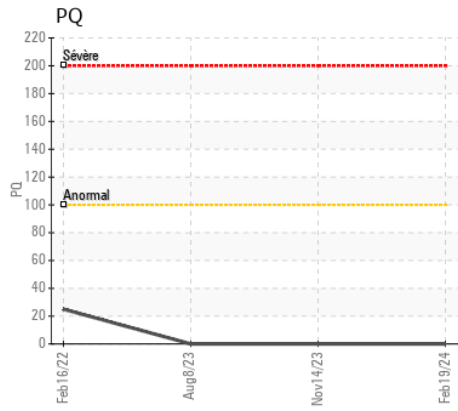
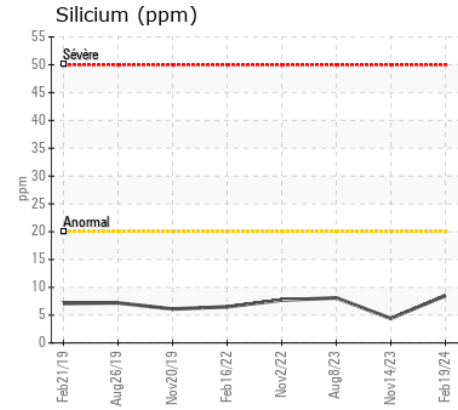
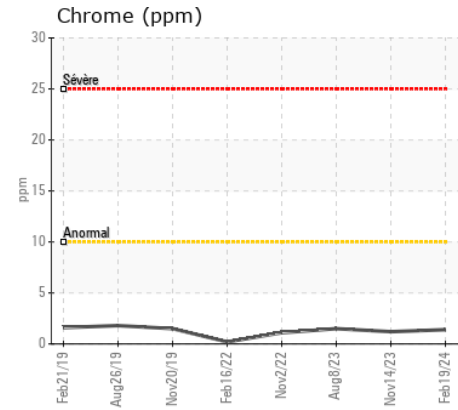
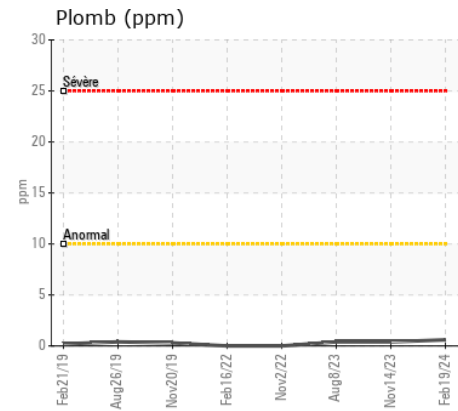
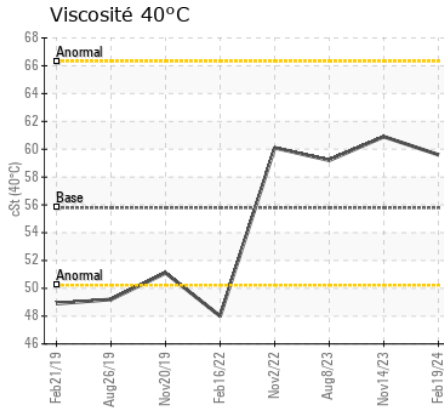
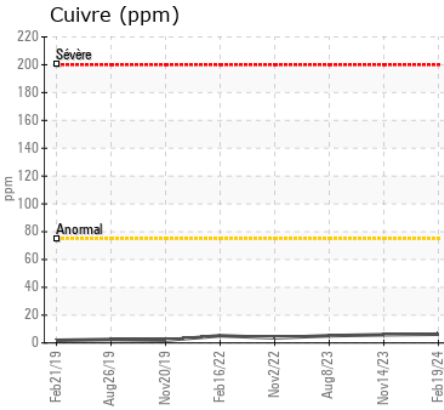
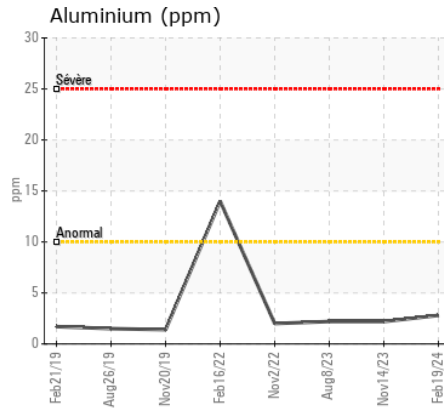
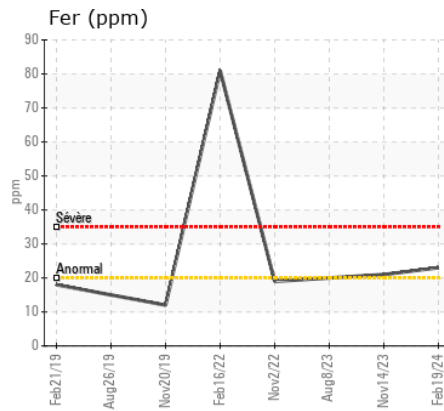
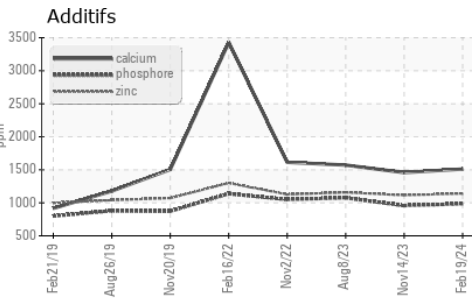
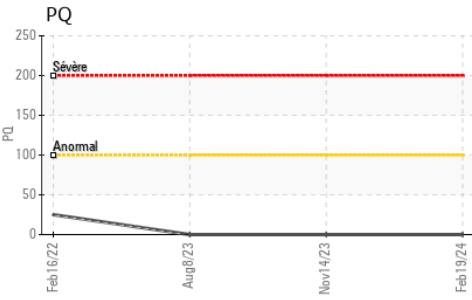
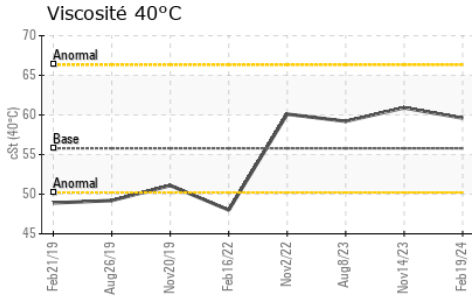
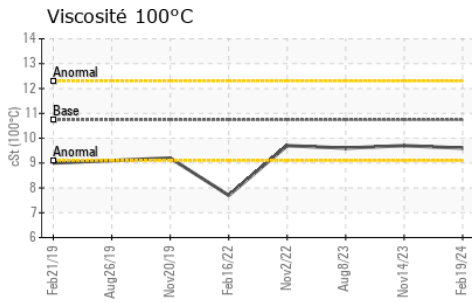
CONTAMINATION

There is no indication of any contamination in the component(unconfirmed).

ÉTAT DU FLUIDE

Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0083743	PC0082334	PC0066543
Date d'échant.		Client Info		19 Feb 2024	14 Nov 2023	08 Aug 2023
Âge d la Machine	hrs	Client Info		6728	6586	6050
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	N/A
Filtre changé		Client Info		N/A	N/A	N/A
Statut de l'échant.				NORMAL	NORMAL	NORMAL
PQ		ASTM D8184*		0	0	0
Fer	ppm	ASTM D5185(m)	>20	23	21	20
Chrome	ppm	ASTM D5185(m)	>10	1	1	2
Nickel	ppm	ASTM D5185(m)	>10	<1	0	0
Titane	ppm	ASTM D5185(m)		0	0	<1
Argent	ppm	ASTM D5185(m)		<1	<1	0
Aluminium	ppm	ASTM D5185(m)	>10	3	2	2
Plomb	ppm	ASTM D5185(m)	>10	<1	<1	<1
Cuivre	ppm	ASTM D5185(m)	>75	6	6	5
Étain	ppm	ASTM D5185(m)	>10	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	NONE	NONE	NONE
Bronze	scalar	Visual*	NONE	NONE	NONE	NONE
Silicium	ppm	ASTM D5185(m)	>20	8	4	8
Potassium	ppm	ASTM D5185(m)	>20	2	0	2
L'eau		WC Method	>0.1	NEG	NEG	NEG
Limon	scalar	Visual*	NONE	NONE	NONE	VLITE
Débris	scalar	Visual*	NONE	NONE	NONE	VLITE
Saleté	scalar	Visual*	NONE	NONE	NONE	NONE
Apparence	scalar	Visual*	NORML	NORML	NORML	NORML
Odeur	scalar	Visual*	NORML	NORML	NORML	NORML
Eau émulsifiée	scalar	Visual*	>0.1	NEG	NEG	NEG
Sodium	ppm	ASTM D5185(m)		3	2	3
Bore	ppm	ASTM D5185(m)	5	11	12	14
Baryum	ppm	ASTM D5185(m)	0	14	<1	0
Molybdène	ppm	ASTM D5185(m)	0	39	39	38
Manganèse	ppm	ASTM D5185(m)	1	0	0	<1
Magnésium	ppm	ASTM D5185(m)	10	626	617	599
Calcium	ppm	ASTM D5185(m)	3068	1511	1458	1571
Phosphore	ppm	ASTM D5185(m)	1081	985	957	1076
Zinc	ppm	ASTM D5185(m)	1199	1139	1114	1158
Soufre	ppm	ASTM D5185(m)	4636	2926	2626	2808
Visc 40°C	cSt	ASTM D7279(m)	55.79	59.6	60.9	59.2
Visc 100°C	cSt	ASTM D7279(m)	10.74	9.6	9.7	9.6
Indice de viscosité (VI)	Scale	ASTM D2270*	187	144	142	145



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0083743
N° de laboratoire : 02616697
Numéro unique : 5733807
Analyse : MOB 1 (Additional Tests: KV100, PQ, VI)
Reçu : 20 Feb 2024
Tested : 21 Feb 2024
Diagnostiqué : 21 Feb 2024 - Kevin Marson

LES ENTREPRISES MICHAUVILLE INC.
 270 RUE BRUNET
 MONT ST-HILAIRE, QC
 CA J3H 0M6
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 T:
 F:

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.