



POWER SYSTEMS
SYSTÈMES DE PUISSANCE

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	ATTENTION

Area

[226482]

Machine Id

PREVOST 4507

Component

Diesel Engine

Fluid

TOTAL FINA RUBIA TIR 7900 FE 10W30 (--- GAL)

RECOMMENDATION

Nous vous recommandons de vérifier la source de la fuite de fluide de refroidissement. Nous vous recommandons de vidanger l'huile de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons de rincer complètement le composant avant de le remplir l'huile. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

WEAR

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

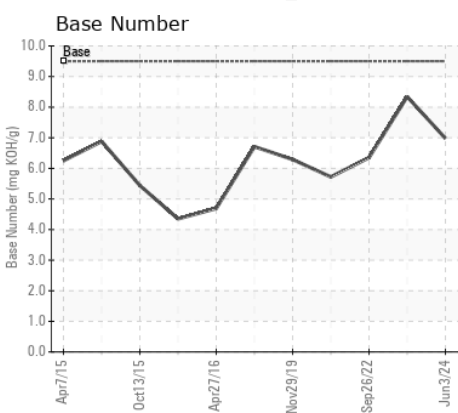
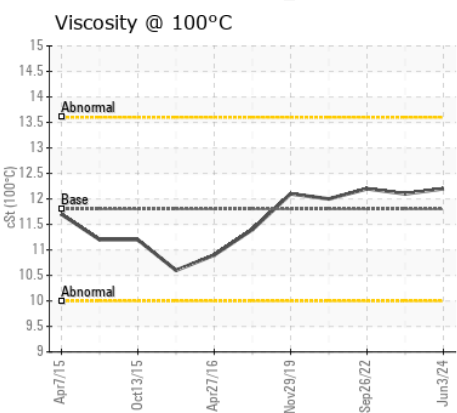
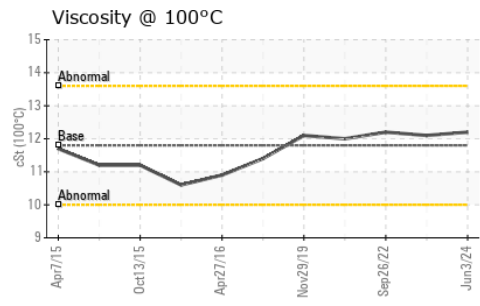
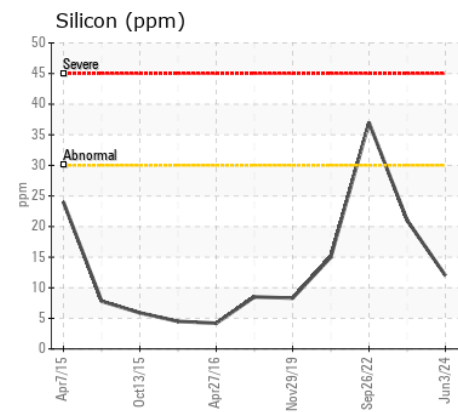
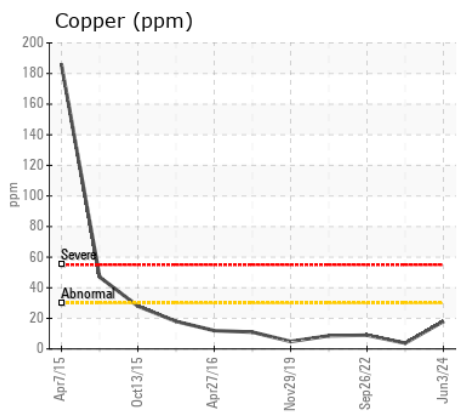
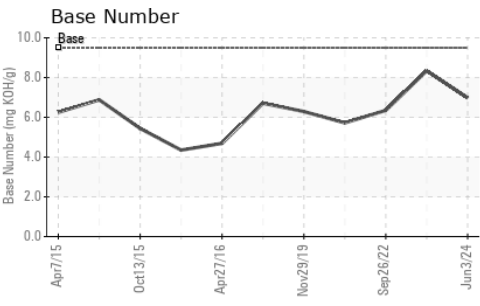
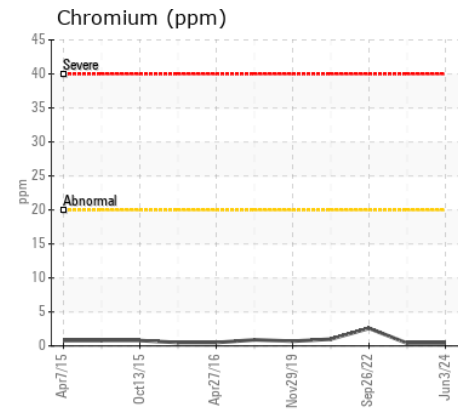
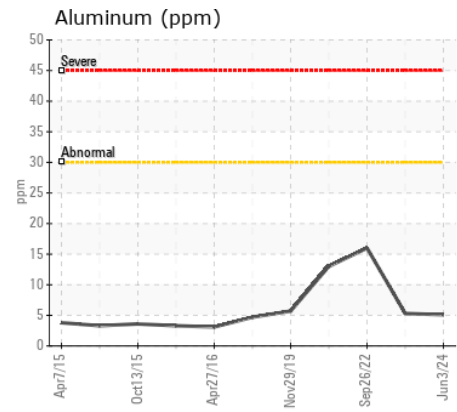
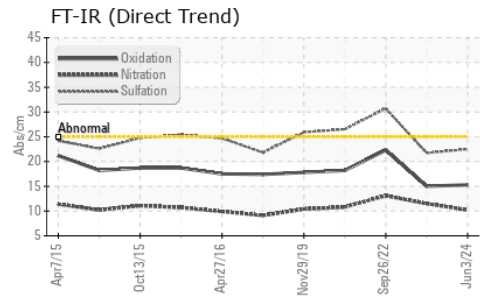
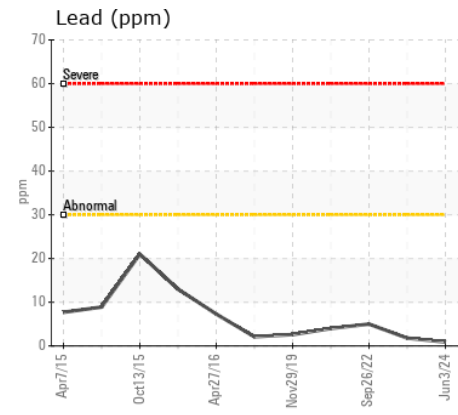
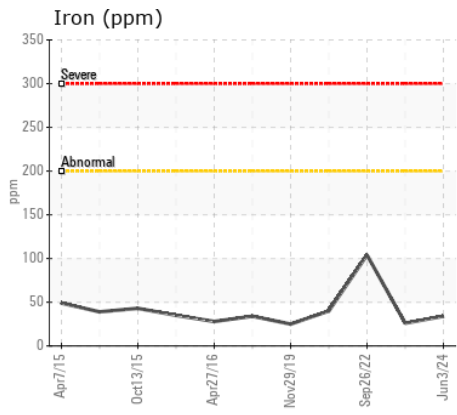
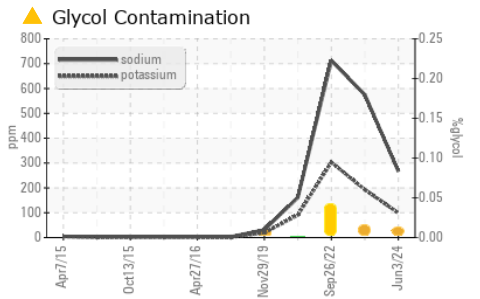
CONTAMINATION

Le test de glycol est positif. Il y a une légère concentration de glycol dans le l'huile.

FLUID CONDITION

Le résultat pour le BN indique que la réserve d'alcalinité est acceptable pour l'huile. L'huile ne peut plus être utilisée en raison de la présence de contaminants.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WA0020359	WA0017908	WA0017909
Sample Date		Client Info		03 Jun 2024	14 Nov 2022	26 Sep 2022
Machine Age	kms	Client Info		0	0	0
Oil Age	kms	Client Info		39889	14697	62590
Filter Age	kms	Client Info		0	0	0
Oil Changed		Client Info		N/A	Changed	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	SEVERE
Iron	ppm	ASTM D5185(m)	>200	34	26	104
Chromium	ppm	ASTM D5185(m)	>20	<1	<1	3
Nickel	ppm	ASTM D5185(m)	>2	1	▲ 3	▲ 12
Titanium	ppm	ASTM D5185(m)	>2	0	<1	<1
Silver	ppm	ASTM D5185(m)	>2	0	0	0
Aluminum	ppm	ASTM D5185(m)	>30	5	5	● 16
Lead	ppm	ASTM D5185(m)	>30	<1	2	5
Copper	ppm	ASTM D5185(m)	>30	18	4	9
Tin	ppm	ASTM D5185(m)	>15	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	<1
Silicon	ppm	ASTM D5185(m)	>30	12	21	▲ 37
Potassium	ppm	ASTM D5185(m)	>20	▲ 99	▲ 193	▲ 303
Fuel		WC Method	>3.0	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol	%	ASTM D7922*		▲ 0.012	▲ 0.015	▲ 0.042
Soot %	%	ASTM D7844*	>3	1	0.5	1.5
Nitration	Abs/cm	ASTM D7624*	>20	10.2	11.5	13.1
Sulfation	Abs/.1mm	ASTM D7415*	>30	22.5	21.7	▲ 30.7
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185(m)		● 267	● 575	● 712
Boron	ppm	ASTM D5185(m)		11	4	1
Barium	ppm	ASTM D5185(m)		0	0	0
Molybdenum	ppm	ASTM D5185(m)		102	138	168
Manganese	ppm	ASTM D5185(m)		<1	<1	2
Magnesium	ppm	ASTM D5185(m)		219	58	44
Calcium	ppm	ASTM D5185(m)	3290	1896	2095	2321
Phosphorus	ppm	ASTM D5185(m)	1200	878	1034	1124
Zinc	ppm	ASTM D5185(m)	1400	1117	1159	1330
Sulfur	ppm	ASTM D5185(m)	4000	2455	2987	2872
Oxidation	Abs/.1mm	ASTM D7414*	>25	15.3	15.0	22.3
Base Number (BN)	mg KOH/g	ASTM D2896*	9.5	6.98	8.34	6.35
Visc @ 100°C	cSt	ASTM D7279(m)	11.8	12.2	12.1	12.2



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0020359 **Received** : 13 Jun 2024
Lab Number : 02641606 **Tested** : 14 Jun 2024
Unique Number : 5799145 **Diagnosed** : 14 Jun 2024 - Wes Davis
Test Package : MOB 2 (Additional Tests: Glycol)

ROGER MAHEUX LTEE
 3280 SAGUENAY
 ROUYN-NORANDA, QC
 CA J9Y 0E2
 Contact: Denis Baillargeon
 magasin@autobusmaheux.qc.ca
 T: (819)797-3202
 F: (819)797-3626

To discuss this sample report, contact Customer Service at 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.