



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ATTENTION
FLUID CONDITION	NORMAL

Machine Id
BEAVER PONSSE 040525
 Component
Hydraulic System
 Fluid
HYDROMECH HVI 32 (200 LTR)

RECOMMENDATION

Nous recommandons le remplacement des filtres de ce composant. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

WEAR

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

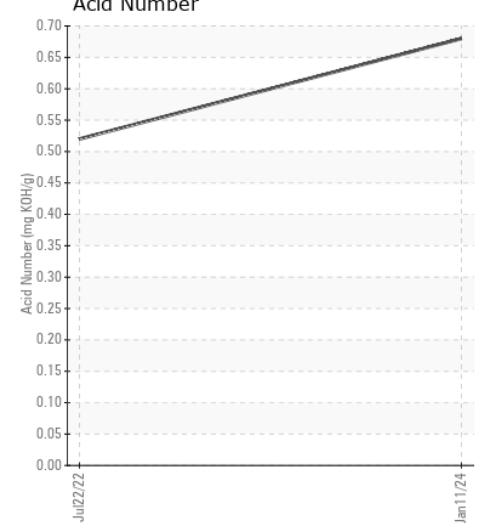
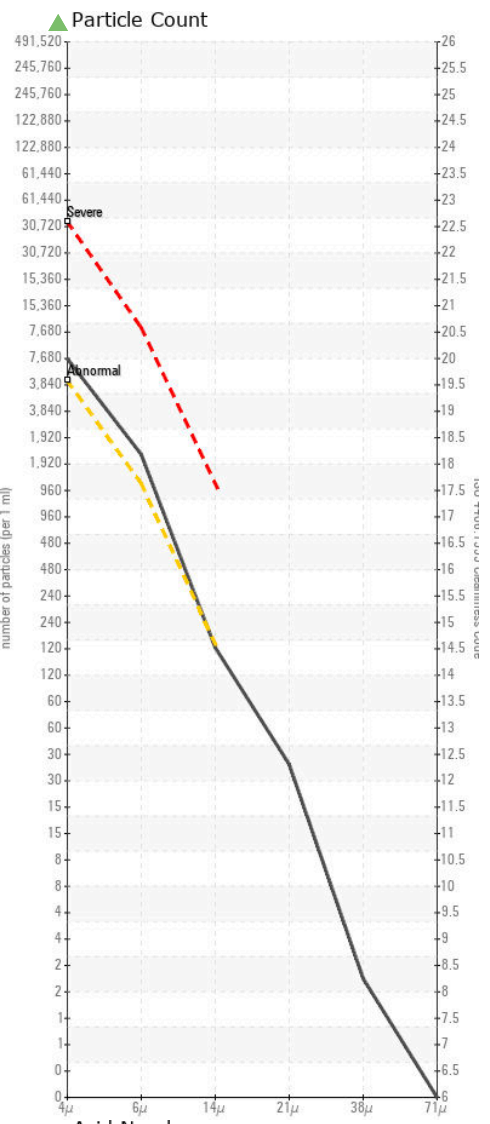
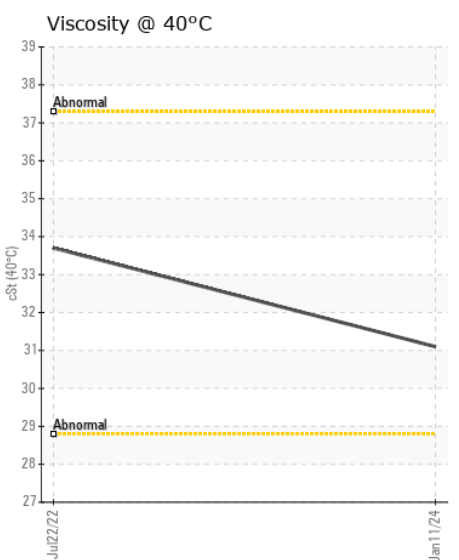
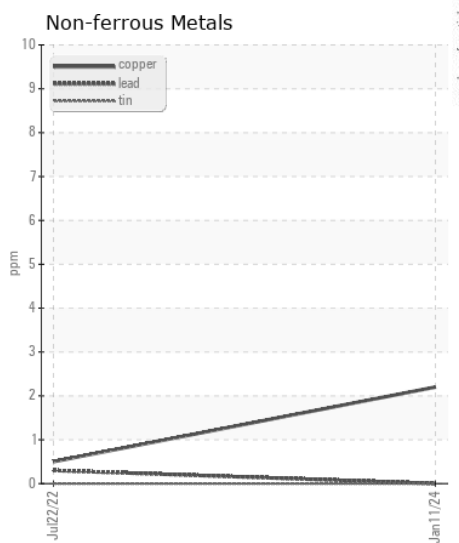
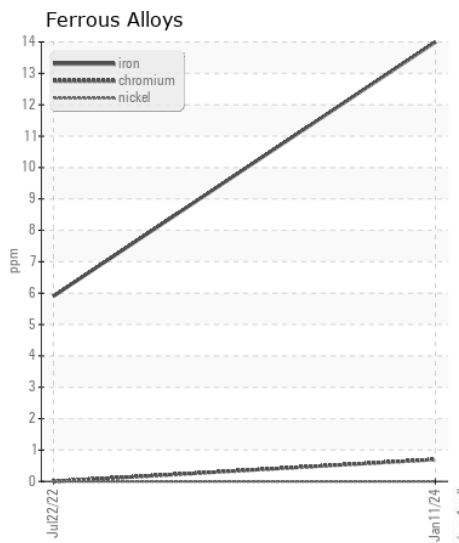
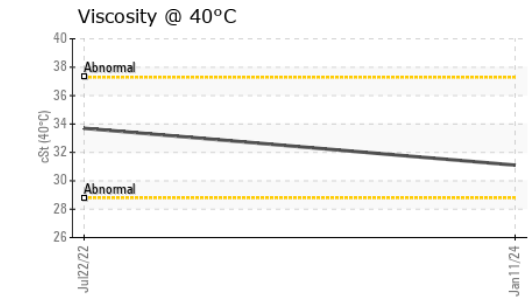
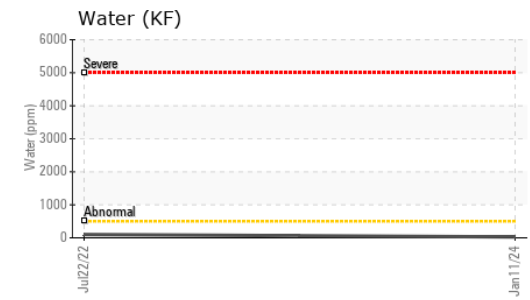
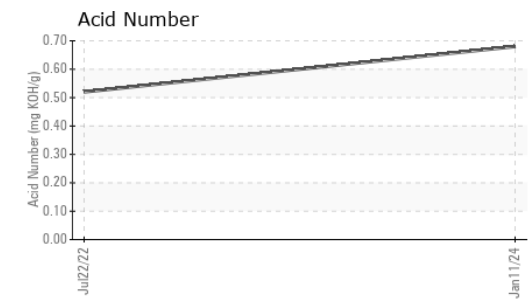
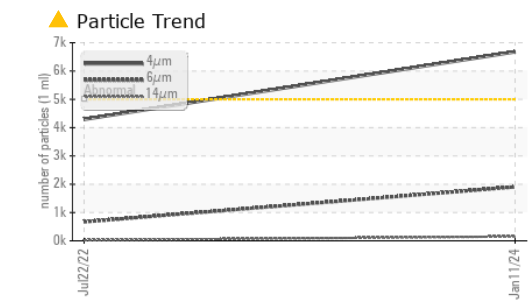
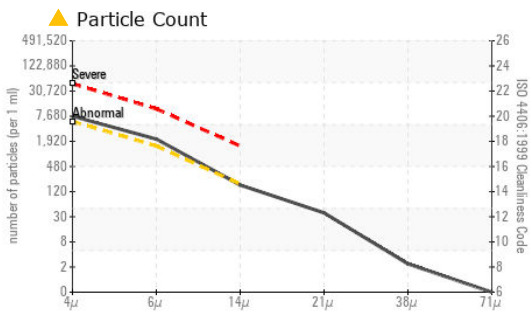
CONTAMINATION

Il y a une légère quantité de limon (particules de 4 à 14 microns) dans l'huile. La teneur en eau est négligeable.

FLUID CONDITION

Le AN est acceptable pour ce fluide. L'état de l'huile permet d'en prolonger l'utilisation.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ST43433	ST43123	---
Sample Date		Client Info		11 Jan 2024	22 Jul 2022	---
Machine Age	hrs	Client Info		0	0	---
Oil Age	hrs	Client Info		1900	65	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	N/A	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				ATTENTION	NORMAL	---
<hr/>						
Iron	ppm	ASTM D5185(m)	>20	14	6	---
Chromium	ppm	ASTM D5185(m)	>20	<1	0	---
Nickel	ppm	ASTM D5185(m)	>20	0	0	---
Titanium	ppm	ASTM D5185(m)		0	0	---
Silver	ppm	ASTM D5185(m)		0	0	---
Aluminum	ppm	ASTM D5185(m)	>20	<1	<1	---
Lead	ppm	ASTM D5185(m)	>20	0	<1	---
Copper	ppm	ASTM D5185(m)	>20	2	<1	---
Tin	ppm	ASTM D5185(m)	>20	0	0	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---
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Silicon	ppm	ASTM D5185(m)	>15	<1	<1	---
Potassium	ppm	ASTM D5185(m)	>20	1	<1	---
Water	%	ASTM D6304*	>0.05	0.003	0.010	---
ppm Water	ppm	ASTM D6304*	>500	27	100.2	---
Particles >4µm		ASTM D7647	>5000	▲ 6677	4291	---
Particles >6µm		ASTM D7647	>1300	▲ 1904	669	---
Particles >14µm		ASTM D7647	>160	152	20	---
Particles >21µm		ASTM D7647	>40	33	3	---
Particles >38µm		ASTM D7647	>10	2	0	---
Particles >71µm		ASTM D7647	>3	0	0	---
Oil Cleanliness		ISO 4406 (c)	>19/17/14	▲ 20/18/14	19/17/11	---
Silt	scalar	Visual*	NONE	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.05	NEG	NEG	---
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Sodium	ppm	ASTM D5185(m)		0	<1	---
Boron	ppm	ASTM D5185(m)		2	3	---
Barium	ppm	ASTM D5185(m)		0	0	---
Molybdenum	ppm	ASTM D5185(m)		3	1	---
Manganese	ppm	ASTM D5185(m)		0	0	---
Magnesium	ppm	ASTM D5185(m)		13	27	---
Calcium	ppm	ASTM D5185(m)		118	164	---
Phosphorus	ppm	ASTM D5185(m)		436	332	---
Zinc	ppm	ASTM D5185(m)		537	411	---
Sulfur	ppm	ASTM D5185(m)		1197	1013	---
Acid Number (AN)	mg KOH/g	ASTM D974*		0.68	0.52	---
Visc @ 40°C	cSt	ASTM D7279(m)		31.1	33.7	---



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : ST43433 **Received** : 22 Jan 2024
Lab Number : 02610301 **Diagnosed** : 23 Jan 2024
Unique Number : 5711387 **Diagnostician** : Kevin Marson
Test Package : IND 2 (Additional Tests: KF, TAN Man)

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.

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