



WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	ABNORMAL

Machine Id
TIGERCAT PONSSE 84531756

Component
Hydraulic System

Fluid
CERTIFIED HOC XTREME 68 (--- GAL)

RECOMMENDATION

Nous recommandons le remplacement des filtres de ce composant. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. À NOTER: S.V.P. inclure, avec le prochain échantillon, des détails de la capacité du réservoir et le type et le degré de filtration.

WEAR

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

CONTAMINATION

Il y a une quantité modérée de particules (de 4 à 14 microns) dans l'huile.

FLUID CONDITION

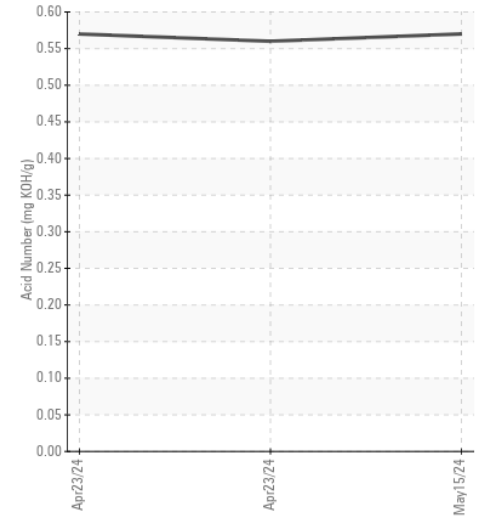
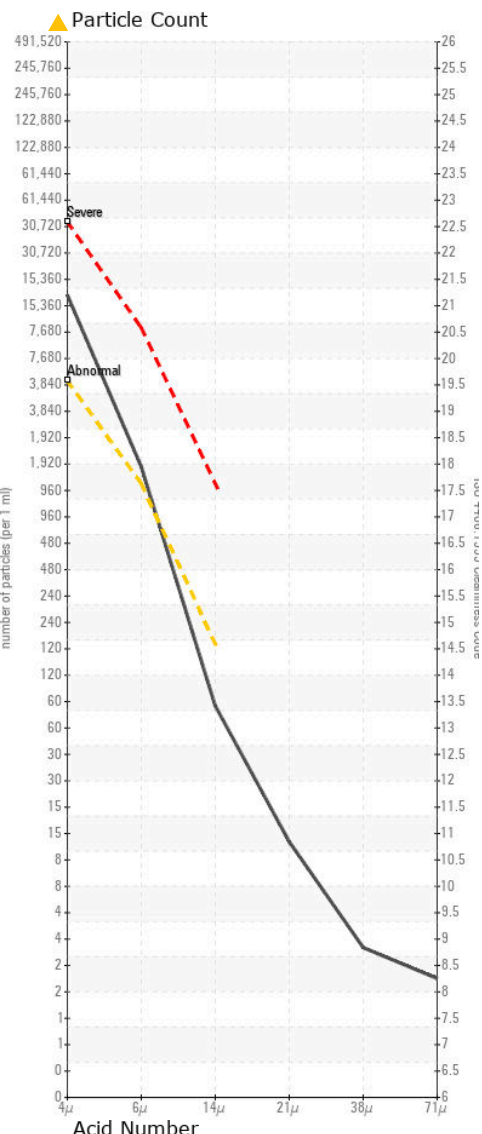
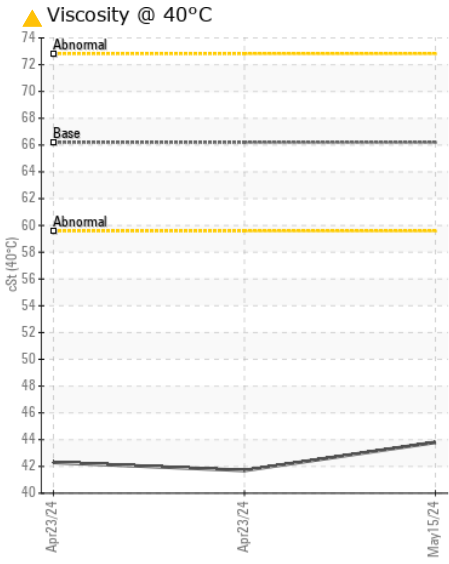
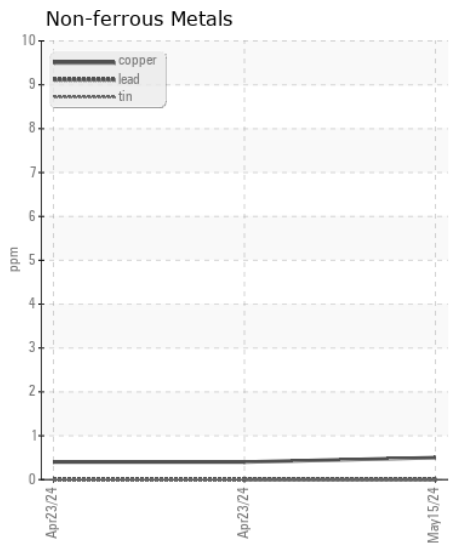
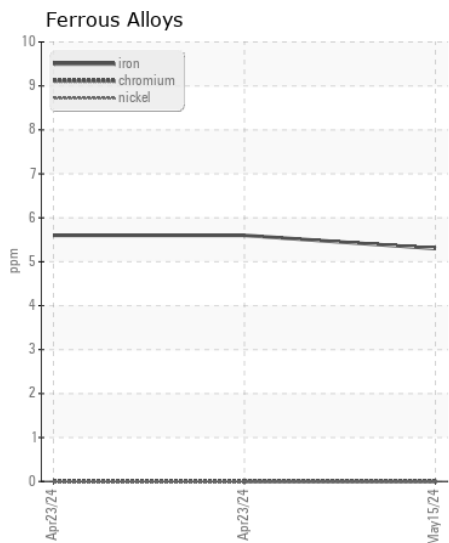
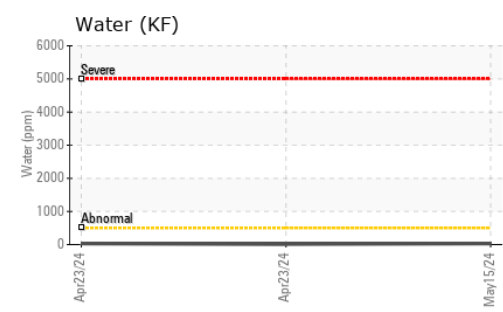
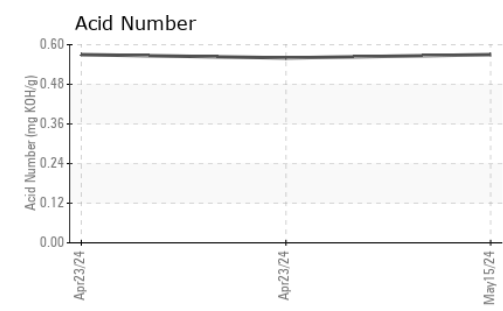
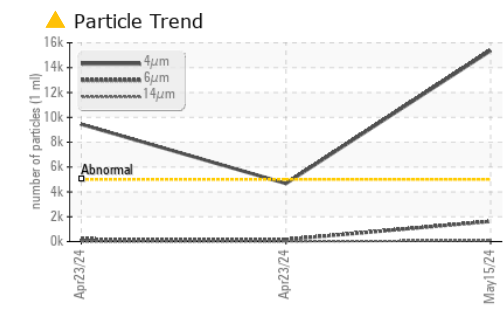
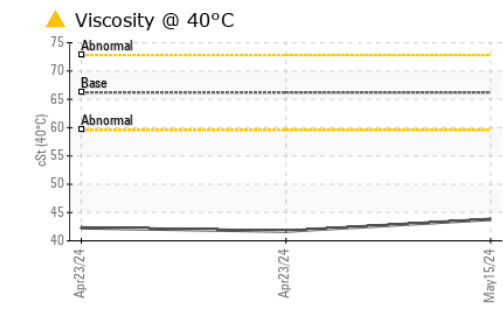
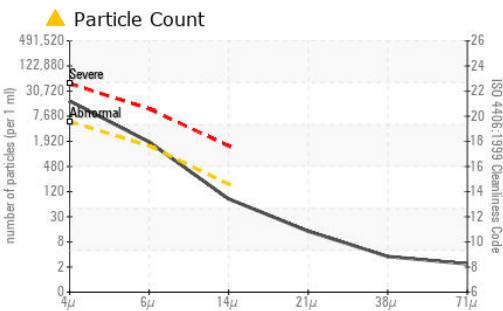
La viscosité de l'échantillon se situe dans la portée de l'SAE 10W; nous vous conseillons de vérifier. Le AN est acceptable pour ce fluide. l'huile peut encore servir si la contamination peut être réduite à un niveau acceptable.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ST45657	ST45610	ST45592
Sample Date		Client Info		15 May 2024	23 Apr 2024	23 Apr 2024
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL

Iron	ppm	ASTM D5185(m)	>40	5	6	6
Chromium	ppm	ASTM D5185(m)	>4	0	0	0
Nickel	ppm	ASTM D5185(m)	>20	0	0	0
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)		0	0	0
Aluminum	ppm	ASTM D5185(m)	>4	<1	<1	<1
Lead	ppm	ASTM D5185(m)	>10	0	0	0
Copper	ppm	ASTM D5185(m)	>60	<1	<1	<1
Tin	ppm	ASTM D5185(m)	>4	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185(m)	>20	3	4	4
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	<1
Water	%	ASTM D6304*	>0.05	0.003	0.001	0.003
ppm Water	ppm	ASTM D6304*	>500	28	9	28
Particles >4µm		ASTM D7647	>5000	▲ 15366	● 9441	4674
Particles >6µm		ASTM D7647	>1300	● 1622	190	167
Particles >14µm		ASTM D7647	>160	71	12	18
Particles >21µm		ASTM D7647	>40	12	3	5
Particles >38µm		ASTM D7647	>10	3	0	2
Particles >71µm		ASTM D7647	>3	2	0	1
Oil Cleanliness		ISO 4406 (c)	>19/17/14	▲ 21/18/13	● 20/15/11	19/15/11
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	VLITE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.05	NEG	NEG	NEG

Sodium	ppm	ASTM D5185(m)		1	<1	1
Boron	ppm	ASTM D5185(m)		<1	<1	<1
Barium	ppm	ASTM D5185(m)		0	0	0
Molybdenum	ppm	ASTM D5185(m)		71	86	90
Manganese	ppm	ASTM D5185(m)		0	0	0
Magnesium	ppm	ASTM D5185(m)		59	46	47
Calcium	ppm	ASTM D5185(m)		72	67	67
Phosphorus	ppm	ASTM D5185(m)		406	406	410
Zinc	ppm	ASTM D5185(m)		440	422	426
Sulfur	ppm	ASTM D5185(m)		2032	2098	2085
Acid Number (AN)	mg KOH/g	ASTM D974*		0.57	0.56	0.57
Visc @ 40°C	cSt	ASTM D7279(m)	66.2	▲ 43.8	▲ 41.7	▲ 42.3



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : ST45657 **Received** : 21 May 2024
Lab Number : 02636643 **Tested** : 22 May 2024
Unique Number : 5785805 **Diagnosed** : 22 May 2024 - Kevin Marson
Test Package : IND 2 (Additional Tests: KF)

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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