



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id
FOPOI5020
 Component
Hydraulic System
 Fluid
ESSO NUTO H ISO 46 (--- 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.

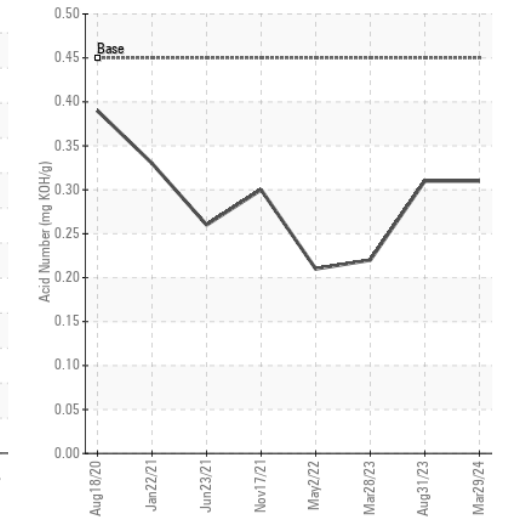
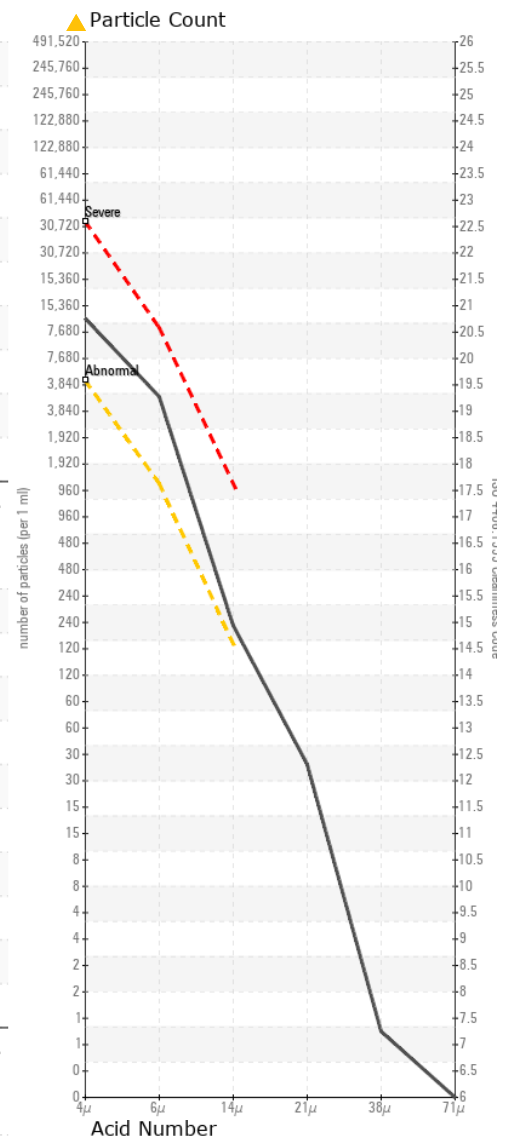
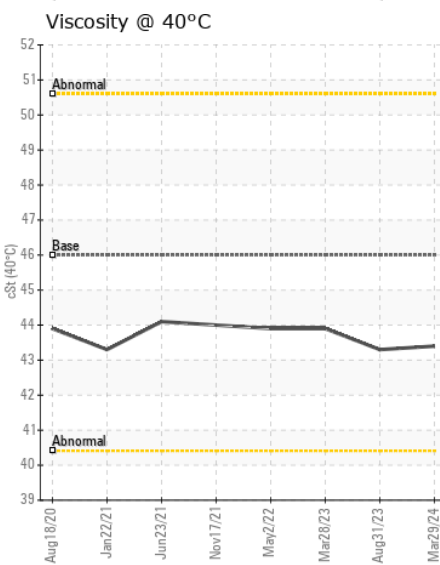
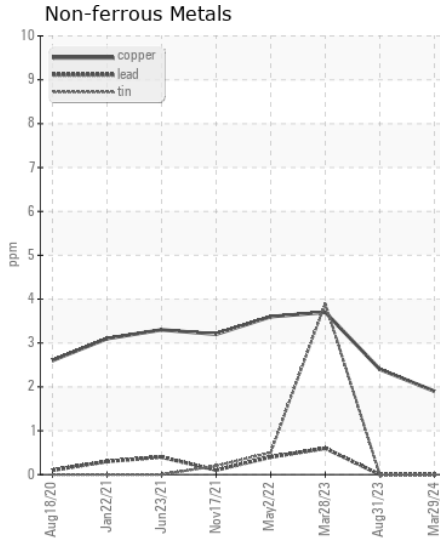
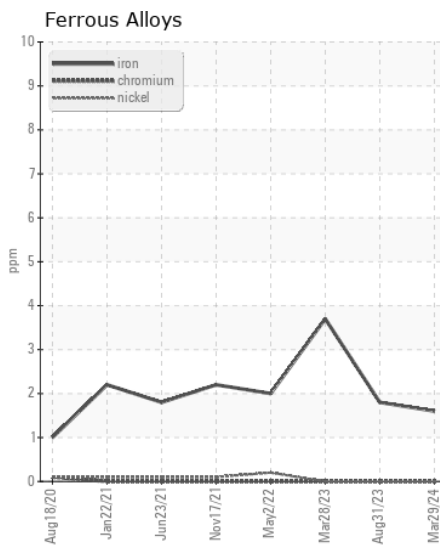
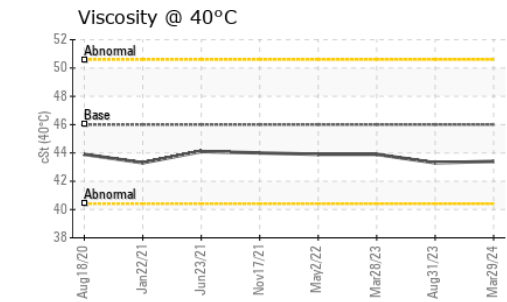
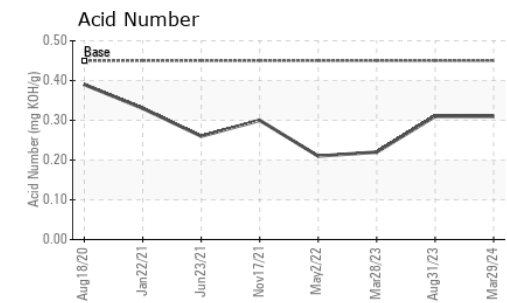
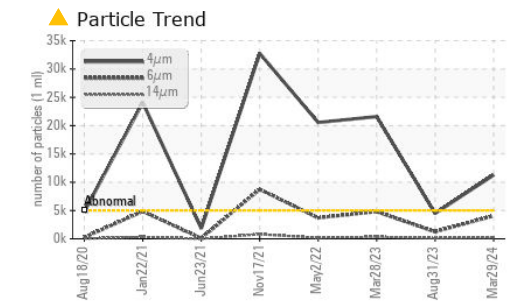
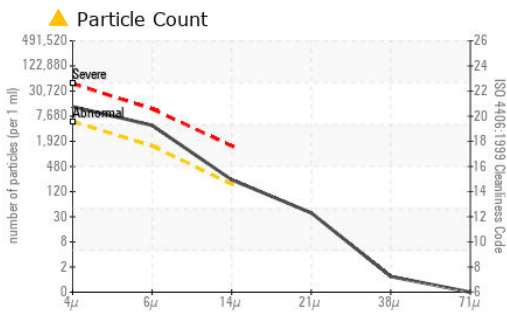
CONTAMINATION

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

FLUID CONDITION

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		WC0914872	WC0801143	WC0801149
Sample Date		Client Info		29 Mar 2024	31 Aug 2023	28 Mar 2023
Machine Age	hrs	Client Info		19922	20274	15515
Oil Age	hrs	Client Info		0	4669	4669
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				ABNORMAL	NORMAL	ABNORMAL
Iron	ppm	ASTM D5185(m)	>20	2	2	4
Chromium	ppm	ASTM D5185(m)	>20	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)	>20	0	0	<1
Lead	ppm	ASTM D5185(m)	>20	0	0	<1
Copper	ppm	ASTM D5185(m)	>20	2	2	4
Tin	ppm	ASTM D5185(m)	>20	0	0	4
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)	>15	0	1	2
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	0
Water		WC Method	>0.05	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>5000	▲ 11275	4487	▲ 21593
Particles >6µm		ASTM D7647	>1300	▲ 4052	1257	▲ 4818
Particles >14µm		ASTM D7647	>160	● 203	99	▲ 352
Particles >21µm		ASTM D7647	>40	33	23	● 78
Particles >38µm		ASTM D7647	>10	1	1	1
Particles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	▲ 21/19/15	19/17/14	▲ 22/19/16
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	VLITE	VLITE	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)		0	<1	<1
Boron	ppm	ASTM D5185(m)	0	0	0	<1
Barium	ppm	ASTM D5185(m)	0	0	0	0
Molybdenum	ppm	ASTM D5185(m)	0	0	<1	1
Manganese	ppm	ASTM D5185(m)		0	0	0
Magnesium	ppm	ASTM D5185(m)	5	<1	<1	<1
Calcium	ppm	ASTM D5185(m)	50	36	35	30
Phosphorus	ppm	ASTM D5185(m)	330	330	355	356
Zinc	ppm	ASTM D5185(m)	410	334	328	275
Sulfur	ppm	ASTM D5185(m)	2700	5051	5212	4978
Acid Number (AN)	mg KOH/g	ASTM D974*	0.45	0.31	0.31	0.22
Visc @ 40°C	cSt	ASTM D7279(m)	46	43.4	43.3	43.9



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0914872
Lab Number : 02626098
Unique Number : 5759230
Test Package : IND 2
Received : 02 Apr 2024
Tested : 03 Apr 2024
Diagnosed : 03 Apr 2024 - Wes Davis

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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.