



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
FOPOI5007
 Component
Hydraulic System
 Fluid
ESSO NUTO H ISO 46 (--- GAL)

RECOMMENDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. 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.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0914870	WC0801137	WC0801155
Sample Date		Client Info		29 Mar 2024	31 Aug 2023	28 Mar 2023
Machine Age	hrs	Client Info		49456	50660	45378
Oil Age	hrs	Client Info		0	5346	5346
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				NORMAL	ATTENTION	SEVERE

WEAR

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

Iron	ppm	ASTM D5185(m)	>20	2	2	4
Chromium	ppm	ASTM D5185(m)	>20	0	<1	<1
Nickel	ppm	ASTM D5185(m)	>20	0	0	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)		0	<1	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	5	5	11
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

CONTAMINATION

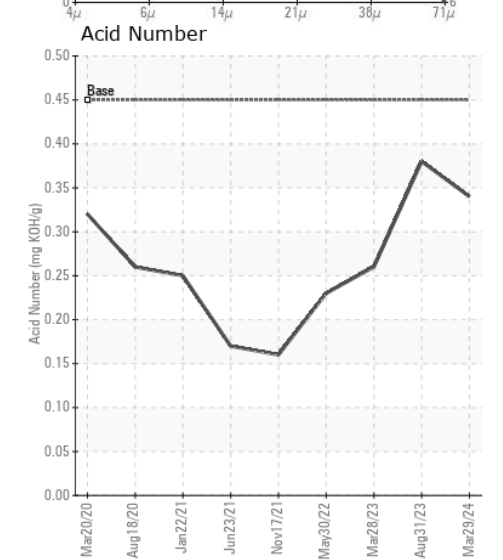
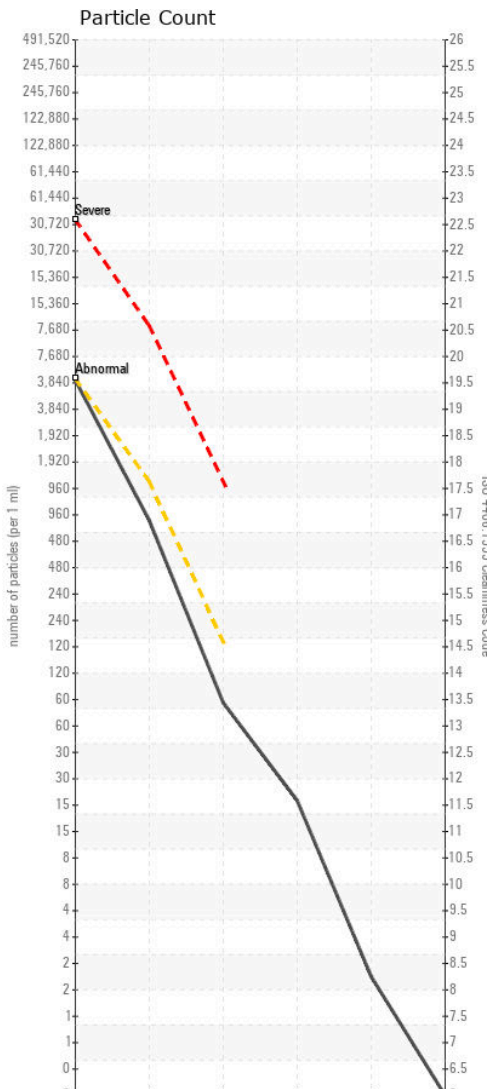
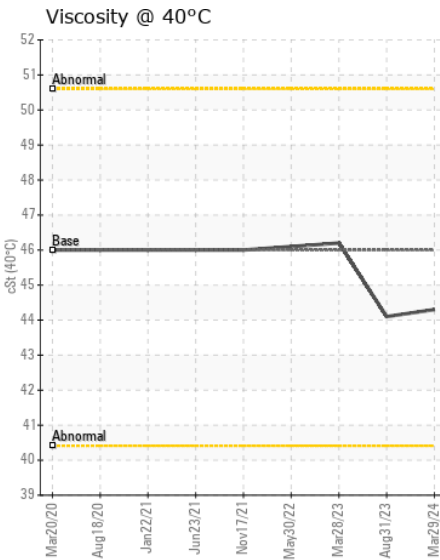
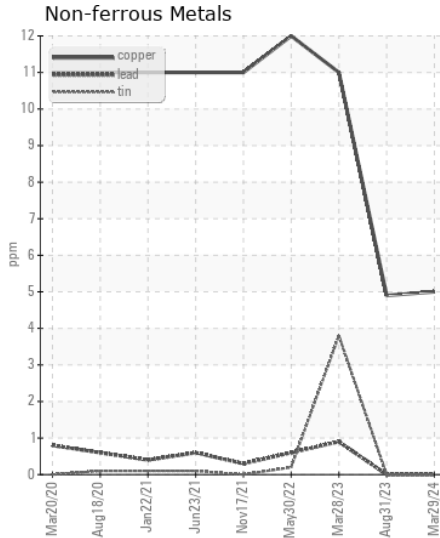
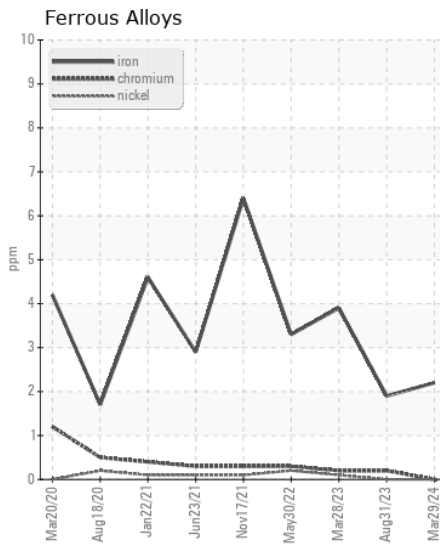
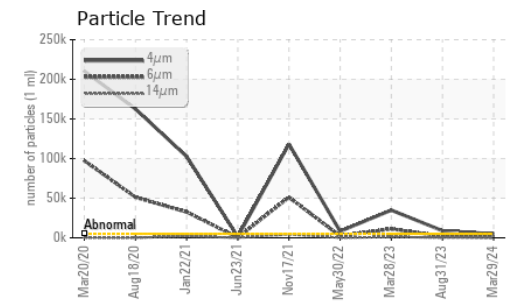
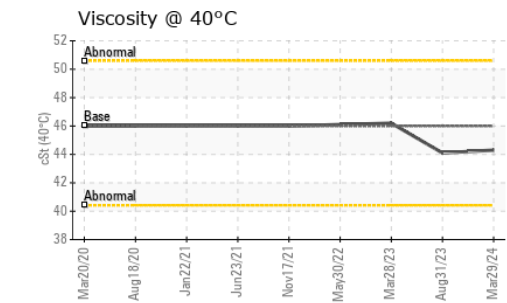
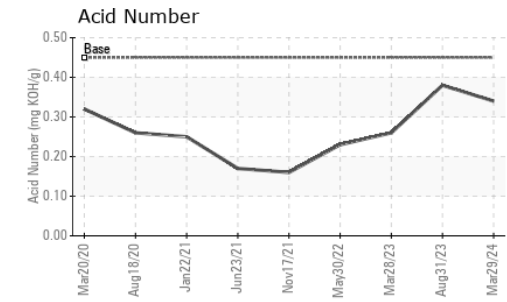
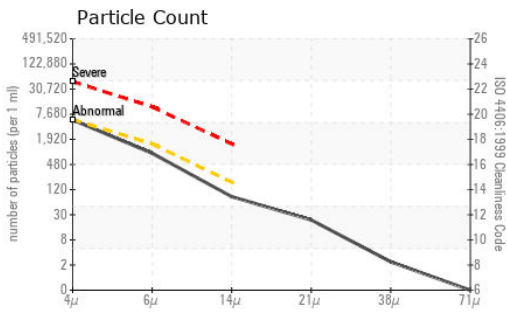
La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable.

Silicon	ppm	ASTM D5185(m)	>15	2	3	6
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	<1
Water		WC Method	>0.05	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>5000	4906	● 8915	▲ 34894
Particles >6µm		ASTM D7647	>1300	782	● 1930	▲ 11205
Particles >14µm		ASTM D7647	>160	72	● 202	▲ 1086
Particles >21µm		ASTM D7647	>40	20	51	▲ 256
Particles >38µm		ASTM D7647	>10	2	2	6
Particles >71µm		ASTM D7647	>3	0	0	1
Oil Cleanliness		ISO 4406 (c)	>19/17/14	19/17/13	● 20/18/15	▲ 22/21/17
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	VLITE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	VLITE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.05	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		<1	<1	<1
Boron	ppm	ASTM D5185(m)	0	0	<1	<1
Barium	ppm	ASTM D5185(m)	0	0	0	0
Molybdenum	ppm	ASTM D5185(m)	0	<1	2	2
Manganese	ppm	ASTM D5185(m)		0	0	<1
Magnesium	ppm	ASTM D5185(m)	5	<1	<1	0
Calcium	ppm	ASTM D5185(m)	50	31	31	2
Phosphorus	ppm	ASTM D5185(m)	330	304	328	272
Zinc	ppm	ASTM D5185(m)	410	341	342	194
Sulfur	ppm	ASTM D5185(m)	2700	4168	4219	2116
Acid Number (AN)	mg KOH/g	ASTM D974*	0.45	0.34	0.38	0.26
Visc @ 40°C	cSt	ASTM D7279(m)	46	44.3	44.1	46.2



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0914870
Lab Number : 02626097
Unique Number : 5759229
Test Package : IND 2
Received : 02 Apr 2024
Tested : 03 Apr 2024
Diagnosed : 03 Apr 2024 - Kevin Marson

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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.