



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
BATCH A162311
 Component
Reference New (Unused) Oil
 Fluid
APRIL SUPERFLO TDH PLUS (--- GAL)

RECOMMENDATION

Il s'agit du relevé de base de l'échantillon soumis.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ASF0000401	ASF0000400	---
Sample Date		Client Info		05 Jun 2024	28 May 2024	---
Machine Age	hrs	Client Info		0	0	---
Oil Age	hrs	Client Info		0	0	---
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				NORMAL	NORMAL	---

WEAR

{sans objet}

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

CONTAMINATION

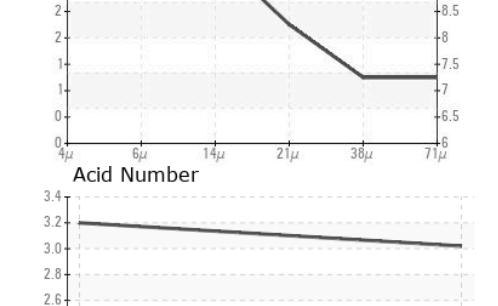
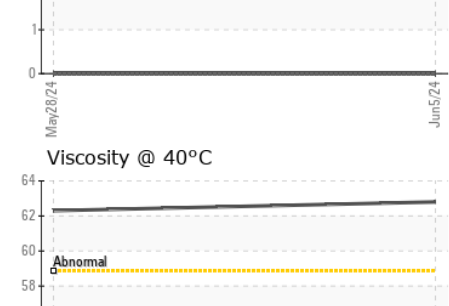
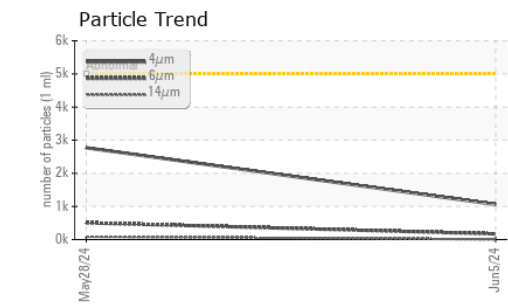
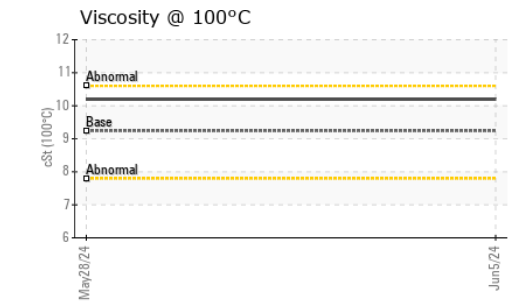
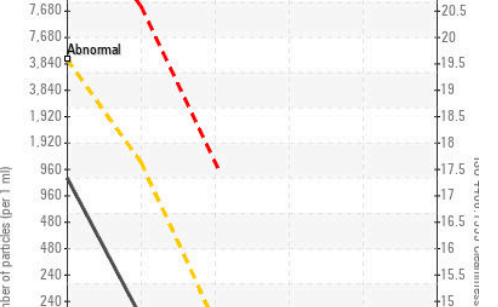
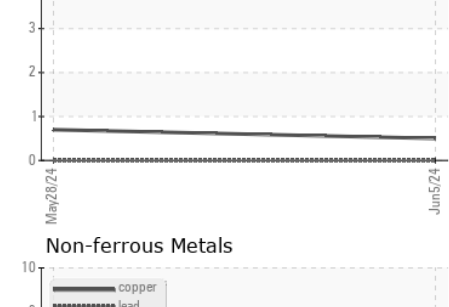
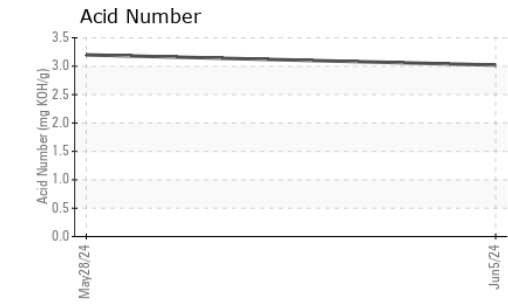
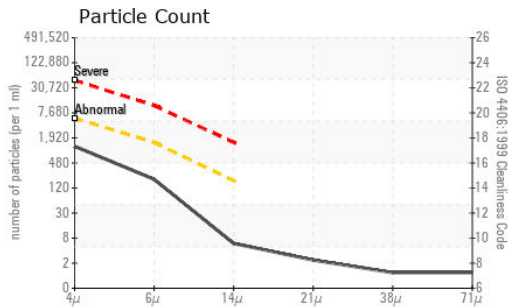
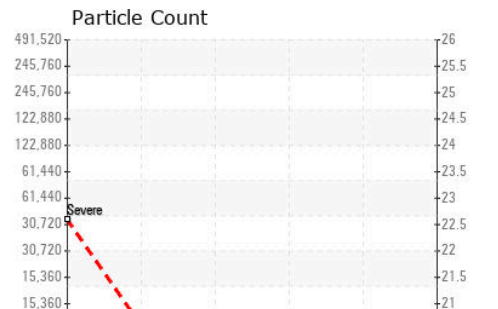
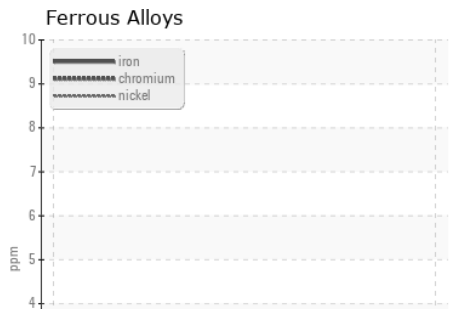
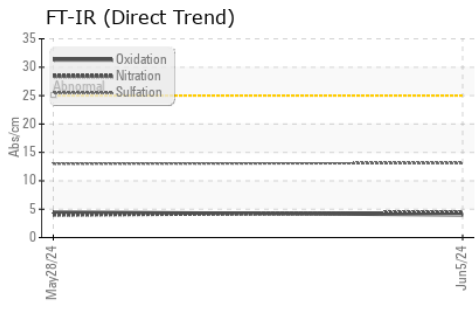
{sans objet}

Silicon	ppm	ASTM D5185(m)	>15	<1	4	---
Potassium	ppm	ASTM D5185(m)	>20	0	<1	---
Water		WC Method		NEG	NEG	---
Soot %	%	ASTM D7844*		0	0	---
Nitration	Abs/cm	ASTM D7624*		4.4	4.0	---
Sulfation	Abs/.1mm	ASTM D7415*		13.1	13.0	---
Particles >4µm		ASTM D7647	>5000	1060	2771	---
Particles >6µm		ASTM D7647	>1300	171	505	---
Particles >14µm		ASTM D7647	>160	5	87	---
Particles >21µm		ASTM D7647	>40	2	33	---
Particles >38µm		ASTM D7647	>10	1	6	---
Particles >71µm		ASTM D7647	>3	1	2	---
Oil Cleanliness		ISO 4406 (c)	>19/17/14	17/15/10	19/16/14	---
Silt	scalar	Visual*	NONE	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	VLITE	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Emulsified Water	scalar	Visual*		NEG	NEG	---

FLUID CONDITION

{sans objet}

Sodium	ppm	ASTM D5185(m)		<1	<1	---
Boron	ppm	ASTM D5185(m)		1	2	---
Barium	ppm	ASTM D5185(m)		0	0	---
Molybdenum	ppm	ASTM D5185(m)		<1	<1	---
Manganese	ppm	ASTM D5185(m)		0	0	---
Magnesium	ppm	ASTM D5185(m)		18	19	---
Calcium	ppm	ASTM D5185(m)		2977	2972	---
Phosphorus	ppm	ASTM D5185(m)		1099	1085	---
Zinc	ppm	ASTM D5185(m)		1176	1176	---
Sulfur	ppm	ASTM D5185(m)		3055	3033	---
Oxidation	Abs/.1mm	ASTM D7414*		4.0	4.5	---
Acid Number (AN)	mg KOH/g	ASTM D974*		3.02	3.20	---
Visc @ 40°C	cSt	ASTM D7279(m)	53.5	62.8	62.3	---
Visc @ 100°C	cSt	ASTM D7279(m)	9.24	10.2	10.2	---
Viscosity Index (VI)	Scale	ASTM D2270*	155	149	151	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : ASF0000401 **Received** : 06 Jun 2024
Lab Number : 02640220 **Tested** : 07 Jun 2024
Unique Number : 5789382 **Diagnosed** : 11 Jun 2024 - Bill Quesnel
Test Package : IND 2 (Additional Tests: FT-IR, ICP-NewOil, KV100, PrtCount, VI)

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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.