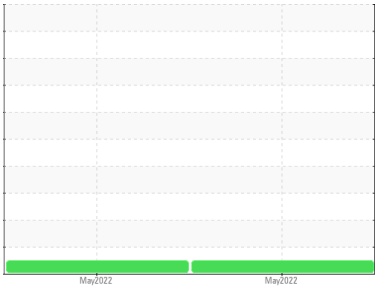
OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL

Area
GUAY SON [CONHER]
Machine Id
Base Line IBACO XTRA REV 15W-40
Component
New (Unused) Oil
Fluid
Xtra Rev 15W-40 (--- GAL)

DIAGNOSIS

Recommendation
This is a baseline read-out on the submitted sample. (Customer Sample Comment: Batch #22080)

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number		Client Info		**KL0010076**	KL0010077	---
Sample Date		Client Info		**10 May 2022**	10 May 2022	---
Machine Age	hrs	Client Info		**0**	0	---
Oil Age	hrs	Client Info		**0**	0	---
Oil Changed		Client Info		**N/A**	N/A	---
Sample Status				**NORMAL**	NORMAL	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m		**1**	1	---
Chromium	ppm	ASTM D5185m		**<1**	<1	---
Nickel	ppm	ASTM D5185m		**<1**	<1	---
Titanium	ppm	ASTM D5185m		**0**	0	---
Silver	ppm	ASTM D5185m		**1**	2	---
Aluminum	ppm	ASTM D5185m		**2**	2	---
Lead	ppm	ASTM D5185m		**<1**	<1	---
Copper	ppm	ASTM D5185m		**0**	<1	---
Tin	ppm	ASTM D5185m		**<1**	<1	---
Vanadium	ppm	ASTM D5185m		**0**	0	---
Cadmium	ppm	ASTM D5185m		**<1**	<1	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		**467**	440	---
Barium	ppm	ASTM D5185m		**0**	0	---
Molybdenum	ppm	ASTM D5185m		**119**	107	---
Manganese	ppm	ASTM D5185m		**<1**	<1	---
Magnesium	ppm	ASTM D5185m		**554**	482	---
Calcium	ppm	ASTM D5185m		**1463**	1370	---
Phosphorus	ppm	ASTM D5185m		**866**	795	---
Zinc	ppm	ASTM D5185m		**1016**	925	---
Sulfur	ppm	ASTM D5185m		**2702**	2515	---

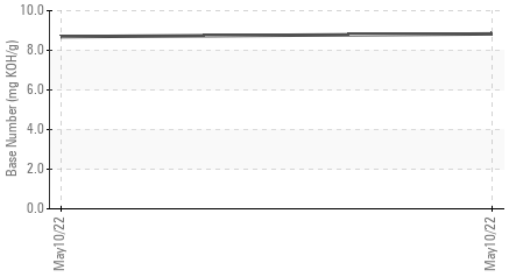
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		**8**	7	---
Sodium	ppm	ASTM D5185m		**<1**	<1	---
Potassium	ppm	ASTM D5185m	>20	**1**	<1	---
Water	%	ASTM D6304		**NEG**	NEG	---

FLUID CLEANLINESS		method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		**10266**	10798	---
Particles >6µm		ASTM D7647	>1300	**1125**	1048	---
Particles >14µm		ASTM D7647	>160	**27**	19	---
Particles >21µm		ASTM D7647	>40	**3**	2	---
Particles >38µm		ASTM D7647	>10	**0**	0	---
Particles >71µm		ASTM D7647	>3	**0**	0	---
Oil Cleanliness		ISO 4406 (c)	>17/14	**17/12**	17/11	---

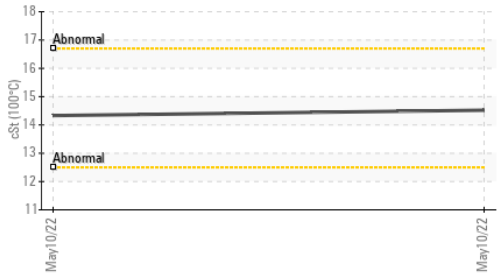
FLUID DEGRADATION		method	limit/base	current	history1	history2
Base Number (BN)	mg KOH/g	ASTM D2896		**8.83**	8.69	---

OIL ANALYSIS REPORT

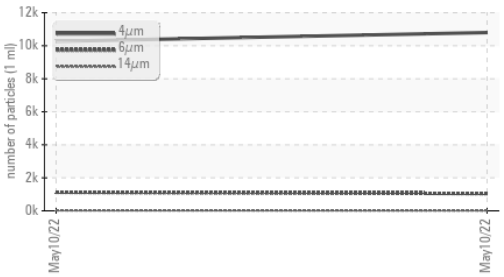
Base Number



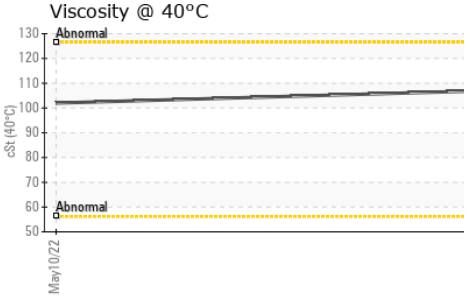
Viscosity @ 100°C



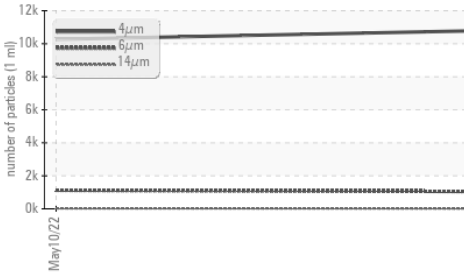
Particle Trend



Viscosity @ 40°C

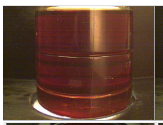


Particle Trend



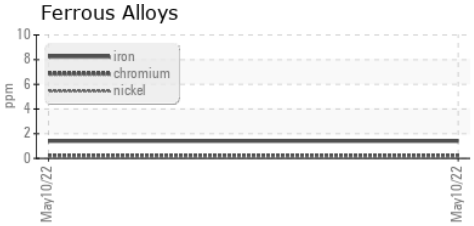
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	**NONE**	NONE	---
Yellow Metal	scalar	*Visual	NONE	**NONE**	NONE	---
Precipitate	scalar	*Visual	NONE	**NONE**	NONE	---
Silt	scalar	*Visual	NONE	**NONE**	NONE	---
Debris	scalar	*Visual	NONE	**NONE**	NONE	---
Sand/Dirt	scalar	*Visual	NONE	**NONE**	NONE	---
Appearance	scalar	*Visual	NORML	**NORML**	NORML	---
Odor	scalar	*Visual	NORML	**NORML**	NORML	---
Emulsified Water	scalar	*Visual		**NEG**	NEG	---
Free Water	scalar	*Visual		**NEG**	NEG	---

FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		**107**	102	---
Visc @ 100°C	cSt	ASTM D445		**14.52**	14.33	---
Viscosity Index (VI)	Scale	ASTM D2270		**139**	144	---

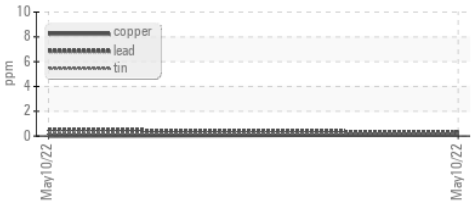
SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					*no image*
Bottom					*no image*

GRAPHS

Ferrous Alloys

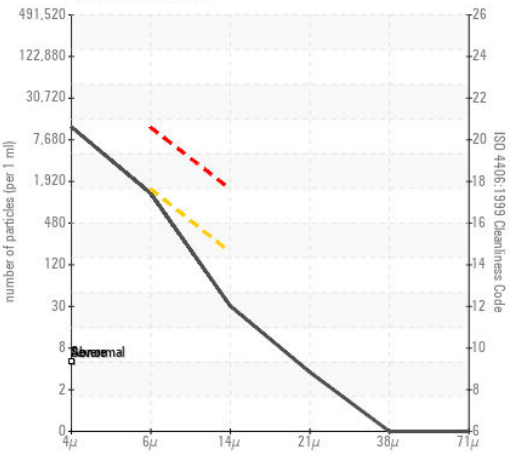


Non-ferrous Metals

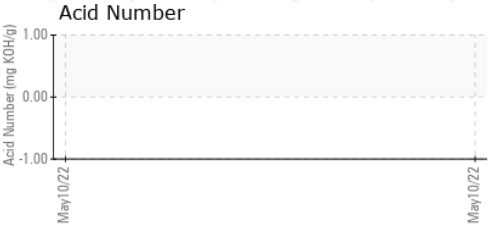


Viscosity @ 40°C

Particle Count



Acid Number



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : KL0010076 **Received** : 20 May 2022
Lab Number : 05550672 **Diagnosed** : 25 May 2022
Unique Number : 9985039 **Diagnostician** : Jonathan Hester
Test Package : MOB 2 (Additional Tests: FT-IR, ICP-NewOil, KF, KV100, PrtCount, TBN, TO)

To discuss this sample report, contact Customer Service at 1-800-237-1369.
** - Denotes test methods that are outside of the ISO 17025 scope of accreditation.*
Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

CONOR
JUAREZ 348
HERMOSILLO,
MX 83140
Contact: EDUARDO GARCIA
egarcia.comsa@gmail.com
T: (526)622-1581 x:81
F: x:

Report Id: CONHERKL [WUSCAR] 05550672 (Generated: 11/23/2023 20:47:17) Rev: 1

Submitted By: EDUARDO GARCIA