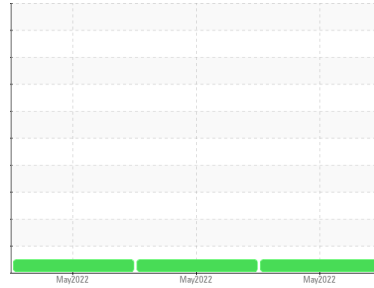




OIL ANALYSIS REPORT

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: With 3% of power-up>NNL-690-E)

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			KL0010172	KL0010076	KL0010077
Sample Date	Client Info			17 May 2022	10 May 2022	10 May 2022
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed	Client Info			N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

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

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		461	467	440
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		118	119	107
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		540	554	482
Calcium	ppm	ASTM D5185m		1544	1463	1370
Phosphorus	ppm	ASTM D5185m		859	866	795
Zinc	ppm	ASTM D5185m		1001	1016	925
Sulfur	ppm	ASTM D5185m		3169	2702	2515

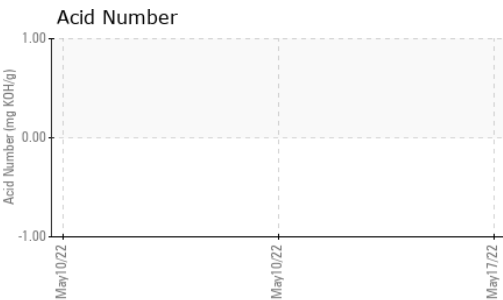
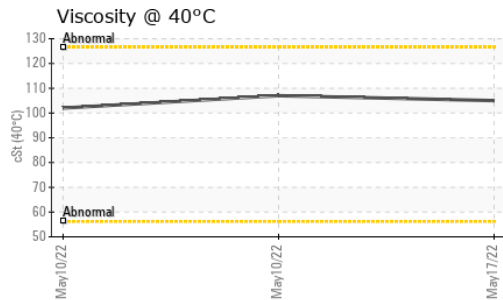
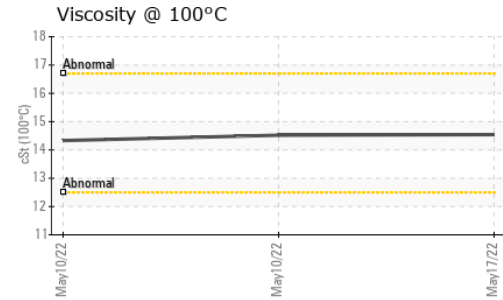
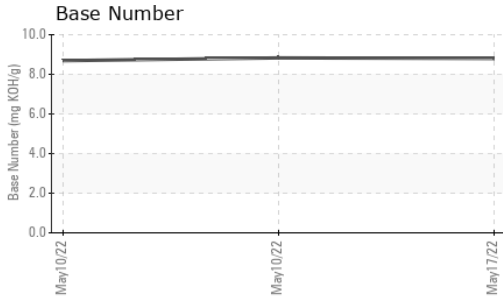
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		9	8	7
Sodium	ppm	ASTM D5185m		<1	<1	<1
Potassium	ppm	ASTM D5185m	>20	<1	1	<1
Water	%	ASTM D6304		NEG	NEG	NEG

INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0.1	---	---
Nitration	Abs/cm	*ASTM D7624		4.8	---	---
Sulfation	Abs/.1mm	*ASTM D7415		20.3	---	---

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



OIL ANALYSIS REPORT



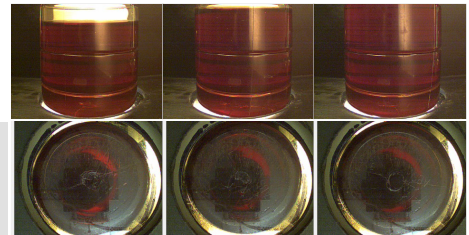
FLUID DEGRADATION		method	limit/base	current	history1	history2
Oxidation	Abs./1mm	*ASTM D7414		14.5	---	---
Base Number (BN)	mg KOH/g	ASTM D2896		8.8	8.83	8.69

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	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		NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG

FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		105	107	102
Visc @ 100°C	cSt	ASTM D445		14.54	14.52	14.33
Viscosity Index (VI)	Scale	ASTM D2270		142	139	144

SAMPLE IMAGES

method	limit/base	current	history1	history2
Color				
Bottom				



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : KL0010172 **Received** : 20 May 2022
Lab Number : **05550675** **Diagnosed** : 25 May 2022
Unique Number : 9985042 **Diagnostician** : Jonathan Hester
Test Package : FLEET (Additional Tests: FT-IR, ICP-NewOil, KF, KV100, PrtCount, TBN, Visc)

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: