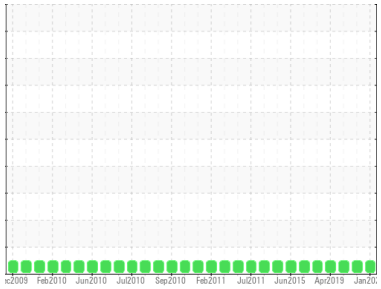
OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL

Area
EDLTAY
Machine Id
Taylor New Oil
Component
New (Unused) Oil
Fluid
CHEVRON HDAX 6500 LFG GAS ENGINE OIL (1000 GAL)

DIAGNOSIS

Recommendation
This is a baseline read-out on the submitted sample.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number		Client Info		**WC0526600**	WC0401171	WCM2323755
Sample Date		Client Info		**20 Jan 2023**	07 Apr 2020	05 Apr 2019
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

CONTAMINATION		method	limit/base	current	history1	history2
Water		WC Method		**NEG**	NEG	NEG

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>5	**<1**	<1	<1
Chromium	ppm	ASTM D5185m	>5	**0**	0	0
Nickel	ppm	ASTM D5185m	>5	**0**	<1	<1
Titanium	ppm	ASTM D5185m		**0**	<1	<1
Silver	ppm	ASTM D5185m	>5	**0**	0	0
Aluminum	ppm	ASTM D5185m	>5	**<1**	2	<1
Lead	ppm	ASTM D5185m	>5	**0**	2	0
Copper	ppm	ASTM D5185m	>5	**0**	0	0
Tin	ppm	ASTM D5185m	>5	**0**	0	0
Antimony	ppm	ASTM D5185m		**---**	0	0
Vanadium	ppm	ASTM D5185m		**0**	0	0
Cadmium	ppm	ASTM D5185m		**0**	0	0

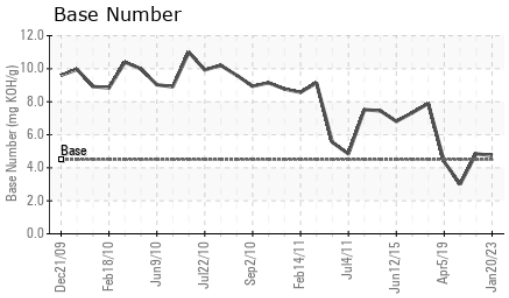
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		**6**	16	2
Barium	ppm	ASTM D5185m		**1**	0	0
Molybdenum	ppm	ASTM D5185m		**2**	7	<1
Manganese	ppm	ASTM D5185m		**<1**	0	<1
Magnesium	ppm	ASTM D5185m		**15**	35	5
Calcium	ppm	ASTM D5185m		**1476**	2201	1684
Phosphorus	ppm	ASTM D5185m		**253**	375	291
Zinc	ppm	ASTM D5185m		**324**	448	340
Sulfur	ppm	ASTM D5185m		**2231**	2554	2194

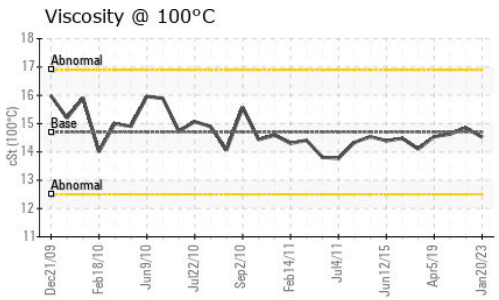
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	**4**	6	4
Sodium	ppm	ASTM D5185m		**0**	<1	1
Potassium	ppm	ASTM D5185m	>20	**2**	16	<1

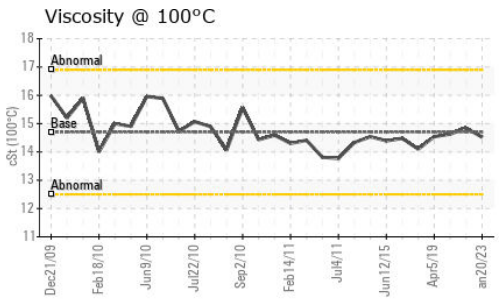
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		**---**	---	0.1
Nitration	Abs/cm	*ASTM D7624		**---**	---	3.4
Sulfation	Abs/.1mm	*ASTM D7415		**---**	---	14.7

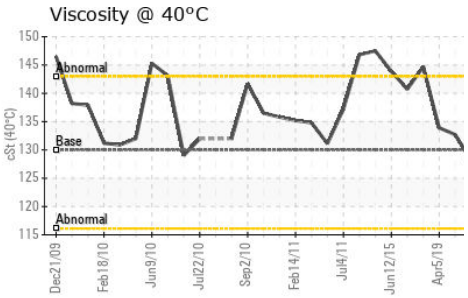
FLUID DEGRADATION		method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414		**---**	---	7.4
Acid Number (AN)	mg KOH/g	ASTM D8045	1.2	**0.47**	0.767	0.549
Base Number (BN)	mg KOH/g	ASTM D2896	4.5	**4.74**	4.85	3

OIL ANALYSIS REPORT



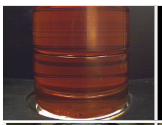
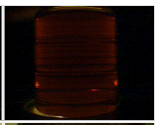
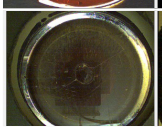




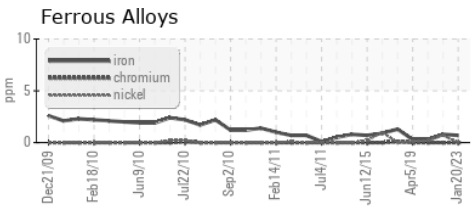


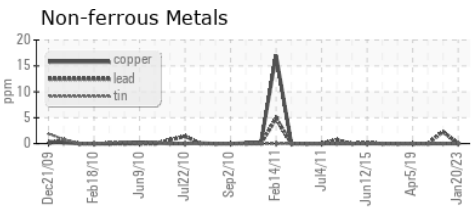
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	**NONE**	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	**NONE**	NONE	NONE
Precipitate	scalar	*Visual	NONE	**NONE**	NONE	NONE
Silt	scalar	*Visual	NONE	**NONE**	NONE	NONE
Debris	scalar	*Visual	NONE	**NONE**	NONE	NONE
Sand/Dirt	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

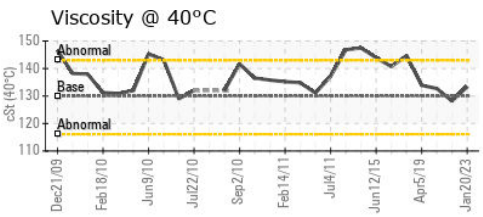
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	130	**133.4**	128.2	132.7
Visc @ 100°C	cSt	ASTM D445	14.7	**14.52**	14.84	14.63
Viscosity Index (VI)	Scale	ASTM D2270	114	**108**	117	110

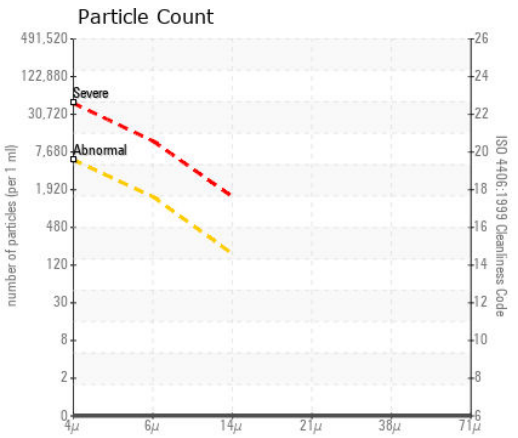
SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

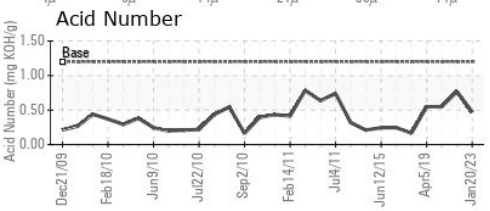
GRAPHS











Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0526600 **Recieved** : 25 Jan 2023
Lab Number : 05750385 **Diagnosed** : 27 Jan 2023
Unique Number : 10309989 **Diagnostician** : Jonathan Hester
Test Package : MOB 2 (Additional Tests: FT-IR, ICP-NewOil, KV100, PrtCount, TBN, VI)

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)

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US 31058
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Report Id: ENEMAU [WUSCAR] 05750385 (Generated: 12/20/2023 08:55:37) Rev: 1

Submitted By: Daniel Dauzat