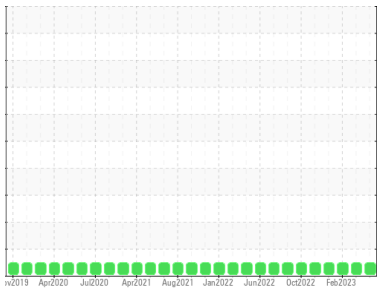
OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL

Machine Id
Pinconning New Oil Pinconning New Oil
Component
New (Unused) Oil
Fluid
CHEVRON HDAX 6500 LFG GAS ENGINE OIL (--- 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		**WC0531437**	WC0531411	WC0531340
Sample Date		Client Info		**03 May 2023**	31 Mar 2023	23 Feb 2023
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

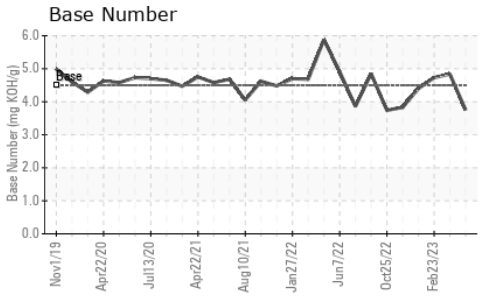
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>5	**0**	2	0
Chromium	ppm	ASTM D5185m	>5	**0**	0	0
Nickel	ppm	ASTM D5185m	>5	**0**	0	0
Titanium	ppm	ASTM D5185m		**0**	0	0
Silver	ppm	ASTM D5185m	>5	**0**	0	0
Aluminum	ppm	ASTM D5185m	>5	**<1**	<1	<1
Lead	ppm	ASTM D5185m	>5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

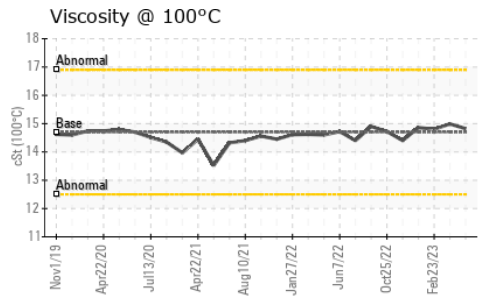
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		**1**	5	15
Barium	ppm	ASTM D5185m		**0**	0	0
Molybdenum	ppm	ASTM D5185m		**9**	2	3
Manganese	ppm	ASTM D5185m		**<1**	0	<1
Magnesium	ppm	ASTM D5185m		**7**	10	19
Calcium	ppm	ASTM D5185m		**1423**	1305	1447
Phosphorus	ppm	ASTM D5185m		**258**	231	236
Zinc	ppm	ASTM D5185m		**307**	285	320
Sulfur	ppm	ASTM D5185m		**2521**	2413	2362

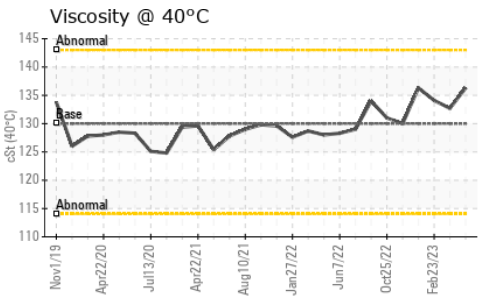
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	**3**	3	3
Sodium	ppm	ASTM D5185m		**0**	0	0
Potassium	ppm	ASTM D5185m	>20	**2**	2	2
Water	%	ASTM D6304		**NEG**	NEG	NEG

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	1.2	**0.14**	0.058	0.52
Base Number (BN)	mg KOH/g	ASTM D2896	4.5	**3.75**	4.84	4.73

OIL ANALYSIS REPORT

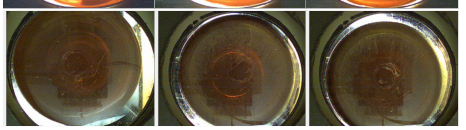




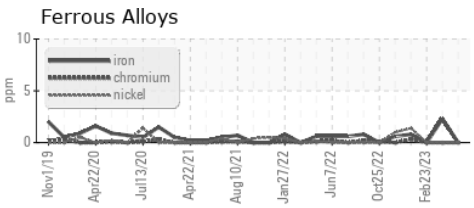


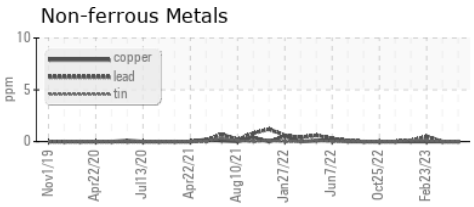
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	**NONE**	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	**NONE**	NONE	NONE
Precipitate	scalar	*Visual	NONE	**NONE**	NONE	NONE
Silt	scalar	*Visual	NONE	**NONE**	NONE	NONE
Debris	scalar	*Visual	NONE	**NONE**	NONE	NONE
Sand/Dirt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

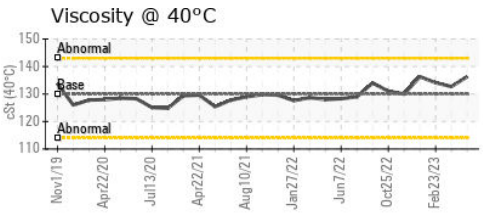
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	130	**136.3**	132.7	134.1
Visc @ 100°C	cSt	ASTM D445	14.7	**14.82**	14.99	14.8
Viscosity Index (VI)	Scale	ASTM D2270	114	**109**	114	111

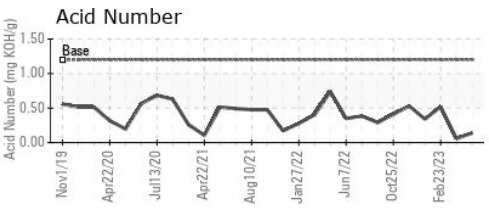
SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

GRAPHS









Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0531437
Lab Number : 05839696
Unique Number : 10458499
Test Package : MOB 2 (Additional Tests: FT-IR, ICP-NewOil, KF, KV100, PrtCount, TBN, VI)

Received : 05 May 2023
Tested : 10 May 2023
Diagnosed : 10 May 2023 - Jonathan Hester

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)

EDL NA Recips-Pinconning
Pinconning Powerstation, 2403 E. Whitefeather Road
Pinconning, MI
US 48650
Contact: DOUG HINE
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T:
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Report Id: EDLPIN [WUSCAR] 05839696 (Generated: 04/08/2024 11:35:07) Rev: 1

Submitted By: Kevin Ackerman