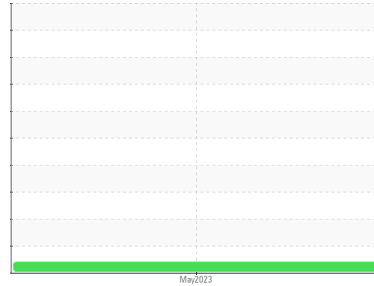




OIL ANALYSIS REPORT

Sample Rating Trend

VIS DEBRIS



Area
ELLIOTT PRICE
 Machine Id
PODZILLA (S/N F-154)

Component
Hydraulic System
 Fluid
CHEVRON CLARITY HYDRAULIC AW 32 (12 GAL)

DIAGNOSIS

Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample. Compression tests not available.

Wear

All component wear rates are normal.

Contamination

Moderate concentration of visible dirt/debris present in the oil.

Fluid Condition

Additive levels consistent with Clarity oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	PH0000112	---	---
Sample Date	Client Info	01 May 2023	---	---
Machine Age	hrs Client Info	530	---	---
Oil Age	hrs Client Info	530	---	---
Oil Changed	Client Info	Not Chngd	---	---
Sample Status		ABNORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185m	>20	2	---	---
Chromium ppm ASTM D5185m	>20	0	---	---
Nickel ppm ASTM D5185m	>20	0	---	---
Titanium ppm ASTM D5185m		0	---	---
Silver ppm ASTM D5185m		0	---	---
Aluminum ppm ASTM D5185m	>20	0	---	---
Lead ppm ASTM D5185m	>20	0	---	---
Copper ppm ASTM D5185m	>20	0	---	---
Tin ppm ASTM D5185m	>20	0	---	---
Vanadium ppm ASTM D5185m		0	---	---
Cadmium ppm ASTM D5185m		0	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm ASTM D5185m		0	---	---
Barium ppm ASTM D5185m		0	---	---
Molybdenum ppm ASTM D5185m		2	---	---
Manganese ppm ASTM D5185m		0	---	---
Magnesium ppm ASTM D5185m		5	---	---
Calcium ppm ASTM D5185m		38	---	---
Phosphorus ppm ASTM D5185m		210	---	---
Zinc ppm ASTM D5185m		18	---	---
Sulfur ppm ASTM D5185m		499	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185m	>15	4	---	---
Sodium ppm ASTM D5185m		1	---	---
Potassium ppm ASTM D5185m	>20	<1	---	---
Water % ASTM D6304	>0.05	NEG	---	---

FLUID DEGRADATION

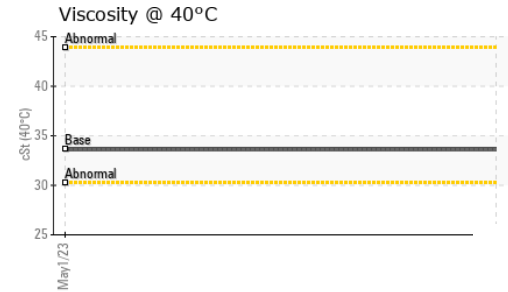
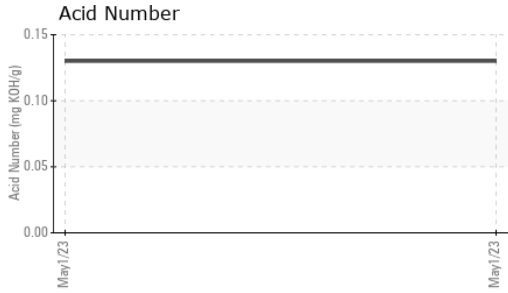
method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g ASTM D8045		0.13	---	---

VISUAL

method	limit/base	current	history1	history2
White Metal scalar *Visual	NONE	NONE	---	---
Yellow Metal scalar *Visual	NONE	NONE	---	---
Precipitate scalar *Visual	NONE	NONE	---	---
Silt scalar *Visual	NONE	NONE	---	---
Debris scalar *Visual	NONE	▲ MODER	---	---
Sand/Dirt scalar *Visual	NONE	NONE	---	---
Appearance scalar *Visual	NORML	NORML	---	---
Odor scalar *Visual	NORML	NORML	---	---
Emulsified Water scalar *Visual	>0.05	NEG	---	---
Free Water scalar *Visual		NEG	---	---



OIL ANALYSIS REPORT

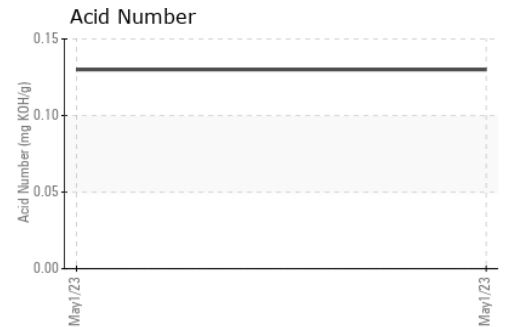
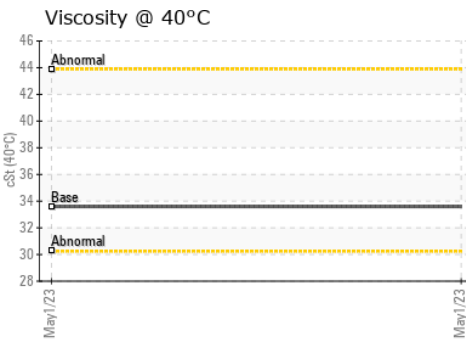
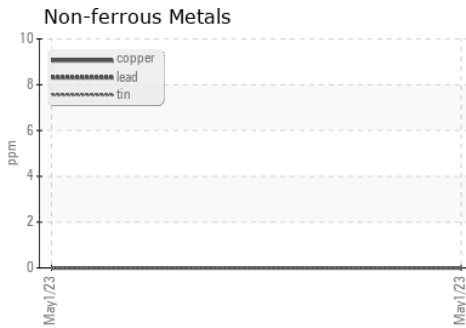
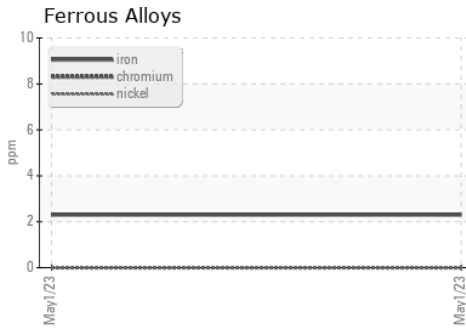


FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	33.6	---	---

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PH0000112 **Recieved** : 11 May 2023
Lab Number : 05844914 **Diagnosed** : 17 May 2023
Unique Number : 10469021 **Diagnostician** : Doug Bogart
Test Package : PLANT (Additional Tests: KF)

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)

RG GROUP
 15 FLOUR MILL RD
 YORK, PA
 US 17406

Contact: PAUL MORETZ
 paul.moretz@rg-group.com

T: (717)849-0310

F: