



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
ZOOMLIFT
 Machine Id
2140
 Component
Propane Engine
 Fluid
ENHANCE SYN BLAND 5W30 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0896023	---	---
Sample Date		Client Info		04 Jan 2024	---	---
Machine Age	hrs	Client Info		5265	---	---
Oil Age	hrs	Client Info		1	---	---
Filter Age	hrs	Client Info		1	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				NORMAL	---	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>100	11	---	---
Chromium	ppm	ASTM D5185m	>25	<1	---	---
Nickel	ppm	ASTM D5185m	>5	<1	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m	>5	0	---	---
Aluminum	ppm	ASTM D5185m	>20	2	---	---
Lead	ppm	ASTM D5185m	>25	1	---	---
Copper	ppm	ASTM D5185m	>35	<1	---	---
Tin	ppm	ASTM D5185m	>8	<1	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

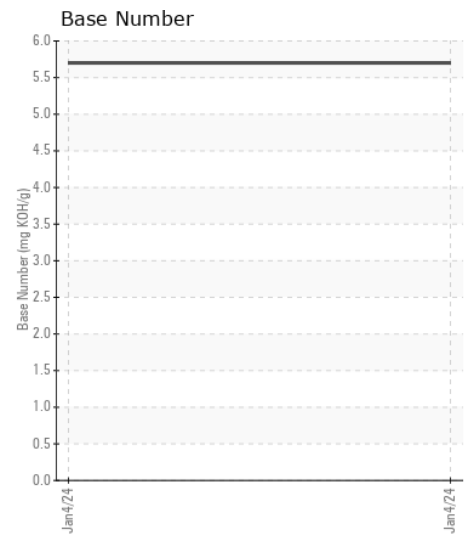
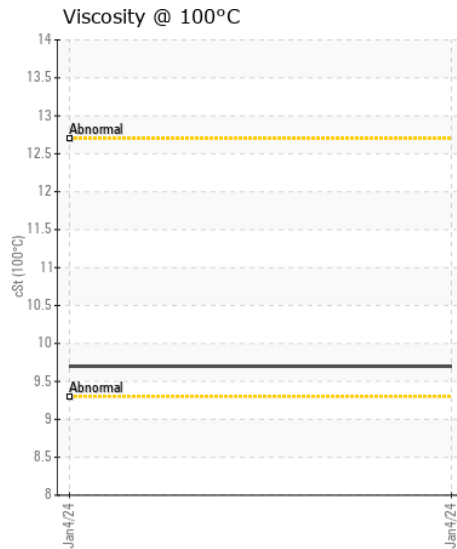
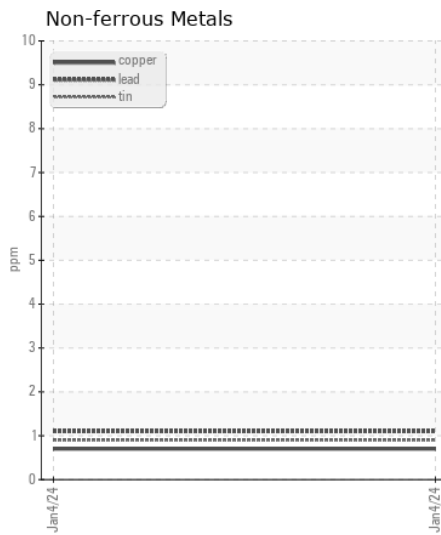
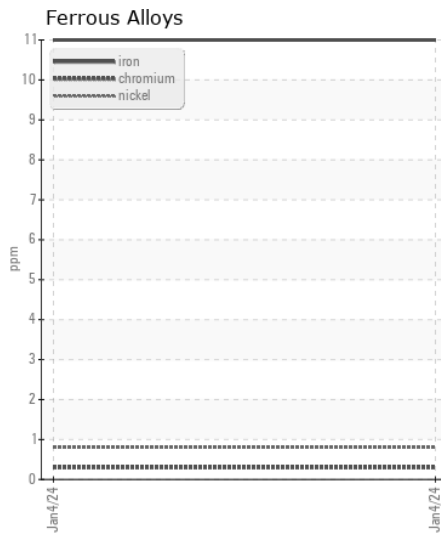
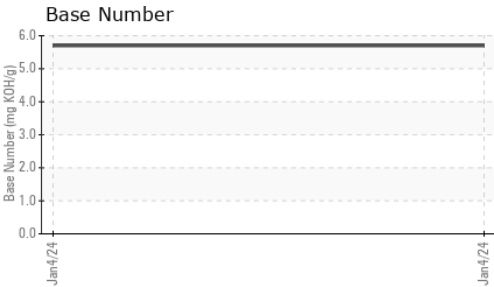
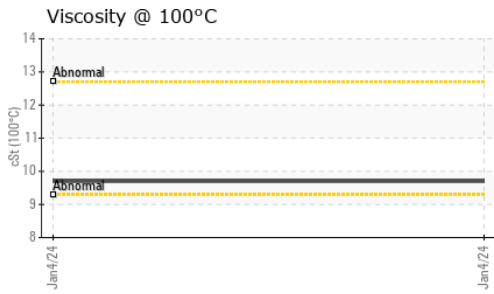
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>50	8	---	---
Potassium	ppm	ASTM D5185m	>20	2	---	---
Water		WC Method	>0.1	NEG	---	---
Soot %	%	*ASTM D7844		0	---	---
Nitration	Abs/cm	*ASTM D7624	>20	4.1	---	---
Sulfation	Abs/.1mm	*ASTM D7415	>30	13.0	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.1	NEG	---	---

FLUID CONDITION

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185m		0	---	---
Boron	ppm	ASTM D5185m		74	---	---
Barium	ppm	ASTM D5185m		0	---	---
Molybdenum	ppm	ASTM D5185m		51	---	---
Manganese	ppm	ASTM D5185m		<1	---	---
Magnesium	ppm	ASTM D5185m		381	---	---
Calcium	ppm	ASTM D5185m		1073	---	---
Phosphorus	ppm	ASTM D5185m		520	---	---
Zinc	ppm	ASTM D5185m		657	---	---
Sulfur	ppm	ASTM D5185m		2156	---	---
Oxidation	Abs/.1mm	*ASTM D7414	>25	5.7	---	---
Base Number (BN)	mg KOH/g	ASTM D2896		5.7	---	---
Visc @ 100°C	cSt	ASTM D445		9.7	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0896023 **Received** : 09 Jan 2024
Lab Number : 06055276 **Diagnosed** : 10 Jan 2024
Unique Number : 10821225 **Diagnostician** : Jonathan Hester
Test Package : CONST

FORKLIFT SELECT
 12875 E 42ND AVE, SUITE 50
 DENVER, CO
 US 80239

Contact: BYRON CHAPUIS
 BYRON@FORKLIFTSELECT.COM

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)

T:
 F: