



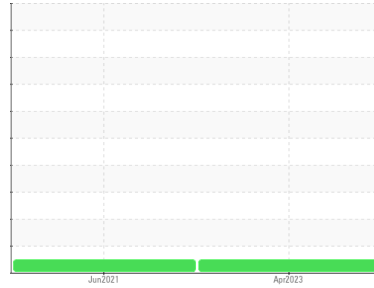
# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area  
**04**  
 Machine Id  
**[04] BASELINE - COMPRESSOR LIFE 68**  
 Component  
**New (Unused) Oil**  
 Fluid  
**HIGH PERFORMANCE LUBRICANTS COMPRESSOR LIFE 68 (5 GAL)**



## DIAGNOSIS

### Recommendation

This is a baseline read-out on the submitted sample. ( Customer Sample Comment: Batch#19M0603 )

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>HPL0003353</b>	HPL008197	---
Sample Date	Client Info		<b>11 Apr 2023</b>	29 Jun 2021	---
Machine Age	hrs	Client Info	<b>0</b>	0	---
Oil Age	hrs	Client Info	<b>0</b>	0	---
Oil Changed	Client Info		<b>N/A</b>	N/A	---
Sample Status			<b>NORMAL</b>	NORMAL	---

## CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method		<b>NEG</b>	NEG	---

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	<b>0</b>	0	---
Chromium	ppm	ASTM D5185m	<b>0</b>	0	---
Nickel	ppm	ASTM D5185m	<b>0</b>	0	---
Titanium	ppm	ASTM D5185m	<b>0</b>	0	---
Silver	ppm	ASTM D5185m	<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	<b>0</b>	<1	---
Lead	ppm	ASTM D5185m	<b>0</b>	0	---
Copper	ppm	ASTM D5185m	<b>0</b>	0	---
Tin	ppm	ASTM D5185m	<b>0</b>	3	---
Antimony	ppm	ASTM D5185m	<b>---</b>	<1	---
Vanadium	ppm	ASTM D5185m	<b>0</b>	0	---
Cadmium	ppm	ASTM D5185m	<b>0</b>	0	---

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<b>0</b>	12	---
Barium	ppm	ASTM D5185m	<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185m	<b>0</b>	0	---
Manganese	ppm	ASTM D5185m	<b>0</b>	0	---
Magnesium	ppm	ASTM D5185m	<b>&lt;1</b>	<1	---
Calcium	ppm	ASTM D5185m	<b>186</b>	187	---
Phosphorus	ppm	ASTM D5185m	<b>9</b>	6	---
Zinc	ppm	ASTM D5185m	<b>0</b>	0	---
Sulfur	ppm	ASTM D5185m	<b>16645</b>	15098	---

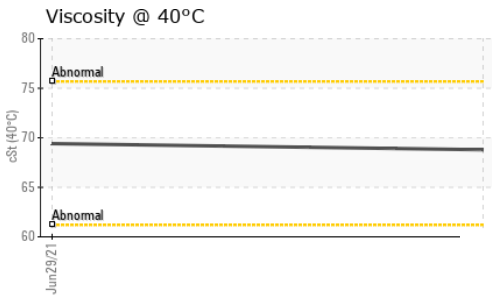
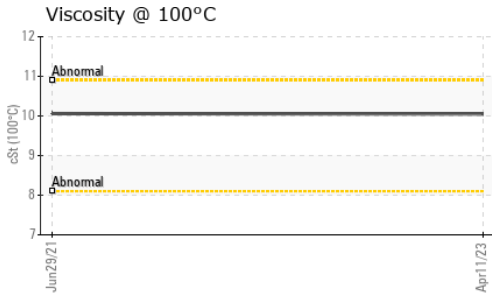
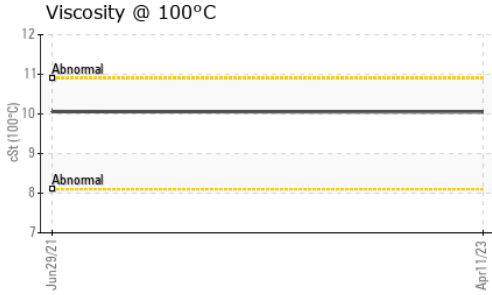
## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<b>&lt;1</b>	<1	---
Sodium	ppm	ASTM D5185m	<b>0</b>	<1	---
Potassium	ppm	ASTM D5185m >20	<b>&lt;1</b>	0	---

## FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	<b>0.18</b>	0.217	---

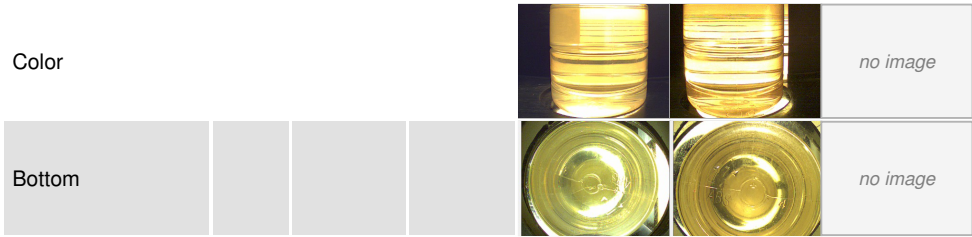
# OIL ANALYSIS REPORT



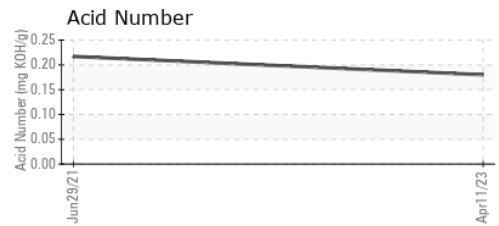
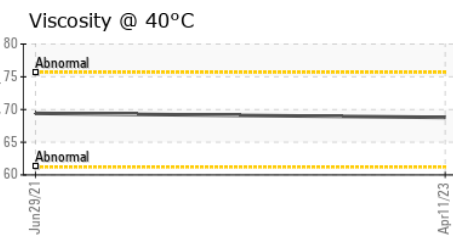
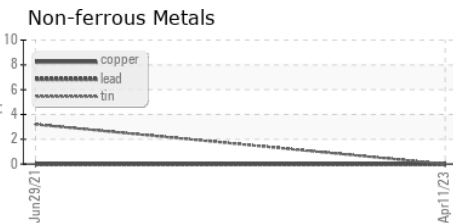
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	68.79	69.41	---
Visc @ 100°C	cSt	ASTM D445	10.05	10.06	---
Viscosity Index (VI)	Scale	ASTM D2270	129	128	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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### GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : HPL0003353 **Recieved** : 14 Apr 2023  
**Lab Number** : 05821217 **Diagnosed** : 19 Apr 2023  
**Unique Number** : 10429300 **Diagnostician** : Jonathan Hester  
**Test Package** : MOB 2 ( Additional Tests: FT-IR, KV100, PrtCount, 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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