

# OIL ANALYSIS REPORT

## Sample Rating Trend



Machine Id  
**WAYLUBE 320 PURE MAX**  
 Component  
**New (Unused) Oil**  
 Fluid  
**{not provided} (--- 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		<b>PCA0090940</b>	---	---
Sample Date	Client Info		<b>26 Jun 2024</b>	---	---
Machine Age	hrs	Client Info	<b>0</b>	---	---
Oil Age	hrs	Client Info	<b>0</b>	---	---
Oil Changed	Client Info		<b>N/A</b>	---	---
Sample Status			<b>NORMAL</b>	---	---

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	<b>6</b>	---	---
Chromium	ppm	ASTM D5185m	<b>0</b>	---	---
Nickel	ppm	ASTM D5185m	<b>0</b>	---	---
Titanium	ppm	ASTM D5185m	<b>&lt;1</b>	---	---
Silver	ppm	ASTM D5185m	<b>0</b>	---	---
Aluminum	ppm	ASTM D5185m	<b>&lt;1</b>	---	---
Lead	ppm	ASTM D5185m	<b>0</b>	---	---
Copper	ppm	ASTM D5185m	<b>&lt;1</b>	---	---
Tin	ppm	ASTM D5185m	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185m	<b>&lt;1</b>	---	---
Cadmium	ppm	ASTM D5185m	<b>0</b>	---	---

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<b>0</b>	---	---
Barium	ppm	ASTM D5185m	<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185m	<b>0</b>	---	---
Manganese	ppm	ASTM D5185m	<b>0</b>	---	---
Magnesium	ppm	ASTM D5185m	<b>&lt;1</b>	---	---
Calcium	ppm	ASTM D5185m	<b>111</b>	---	---
Phosphorus	ppm	ASTM D5185m	<b>207</b>	---	---
Zinc	ppm	ASTM D5185m	<b>1</b>	---	---
Sulfur	ppm	ASTM D5185m	<b>5917</b>	---	---

## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<b>&lt;1</b>	---	---
Sodium	ppm	ASTM D5185m	<b>0</b>	---	---
Potassium	ppm	ASTM D5185m	<b>&gt;20</b>	---	---
Water	%	ASTM D6304	<b>NEG</b>	---	---

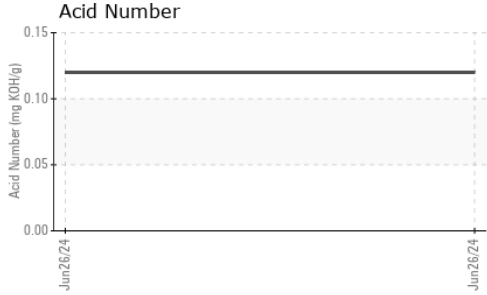
## FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	<b>0.12</b>	---	---



## VISUAL

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

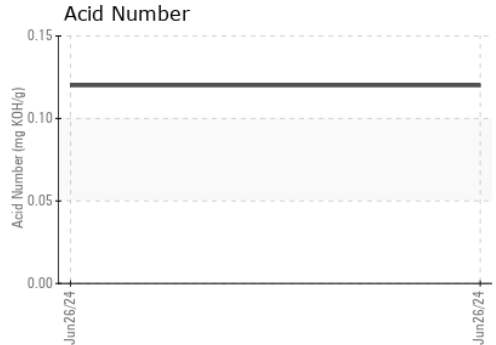
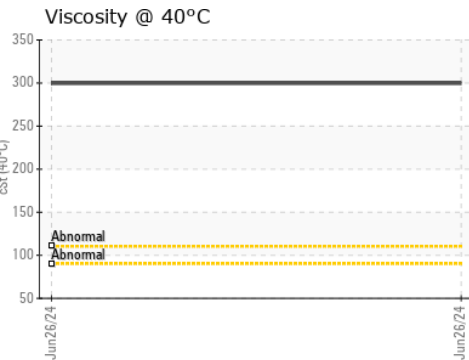
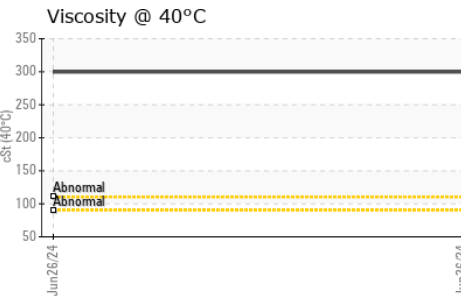
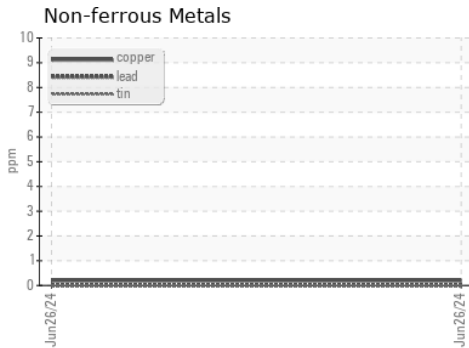
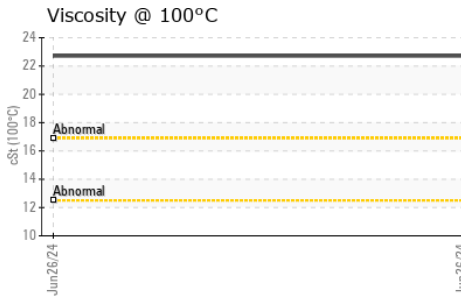
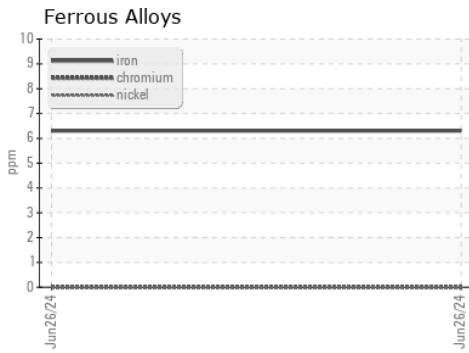
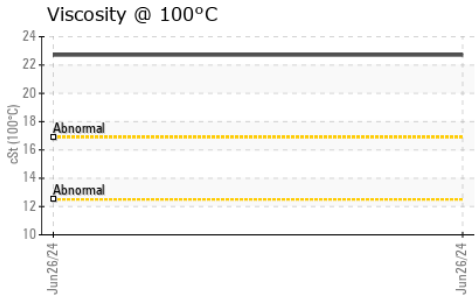
# OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		<b>299.7</b>	---	---
Visc @ 100°C	cSt	ASTM D445		<b>22.71</b>	---	---
Viscosity Index (VI)	Scale	ASTM D2270		<b>93</b>	---	---

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

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0090940      **Received** : 27 Jun 2024  
**Lab Number** : 06222803      **Tested** : 01 Jul 2024  
**Unique Number** : 11101000      **Diagnosed** : 01 Jul 2024 - Jonathan Hester  
**Test Package** : IND 2 ( Additional Tests: FT-IR, ICP-NewOil, KF, KV100, PrtCount, VI )

**PINKERTON LUBRICANTS**  
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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)