

# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Machine Id  
**5W40 EURO - LOWER TANK**

Component  
**New (Unused) Oil**  
Fluid  
**{not provided} (--- QTS)**

## 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>PCA0069451</b>	---	---
Sample Date	Client Info			<b>11 Sep 2023</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>&lt;1</b>	---	---
Chromium	ppm	ASTM D5185m		<b>&lt;1</b>	---	---
Nickel	ppm	ASTM D5185m		<b>&lt;1</b>	---	---
Titanium	ppm	ASTM D5185m		<b>0</b>	---	---
Silver	ppm	ASTM D5185m		<b>0</b>	---	---
Aluminum	ppm	ASTM D5185m		<b>4</b>	---	---
Lead	ppm	ASTM D5185m		<b>&lt;1</b>	---	---
Copper	ppm	ASTM D5185m		<b>1</b>	---	---
Tin	ppm	ASTM D5185m		<b>&lt;1</b>	---	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	---	---
Cadmium	ppm	ASTM D5185m		<b>0</b>	---	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<b>24</b>	---	---
Barium	ppm	ASTM D5185m		<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185m		<b>2</b>	---	---
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	---	---
Magnesium	ppm	ASTM D5185m		<b>28</b>	---	---
Calcium	ppm	ASTM D5185m		<b>1585</b>	---	---
Phosphorus	ppm	ASTM D5185m		<b>712</b>	---	---
Zinc	ppm	ASTM D5185m		<b>891</b>	---	---
Sulfur	ppm	ASTM D5185m		<b>2788</b>	---	---

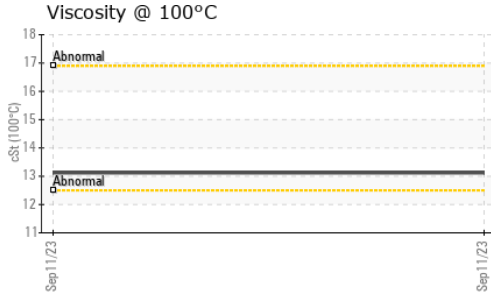
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		<b>2</b>	---	---
Sodium	ppm	ASTM D5185m		<b>&lt;1</b>	---	---
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	---	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		<b>1.57</b>	---	---
Base Number (BN)	mg KOH/g	ASTM D2896		<b>6.44</b>	---	---

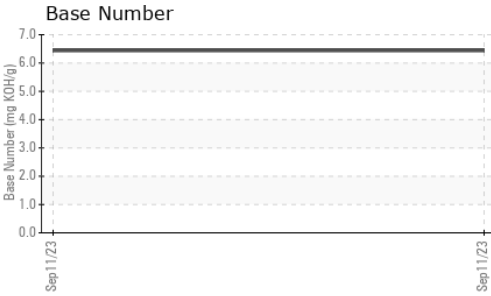
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	---	---
Precipitate	scalar	*Visual	NONE	<b>NONE</b>	---	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	---	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	---	---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



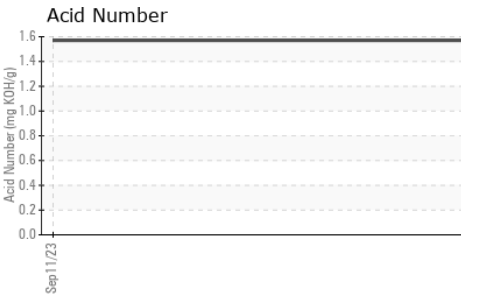
# OIL ANALYSIS REPORT



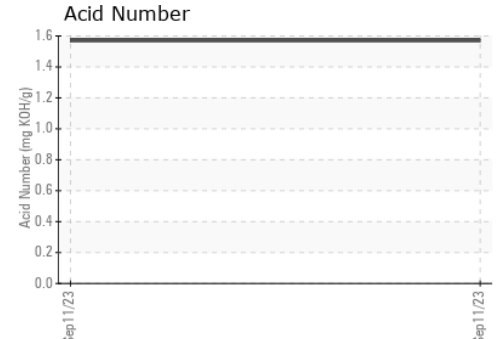
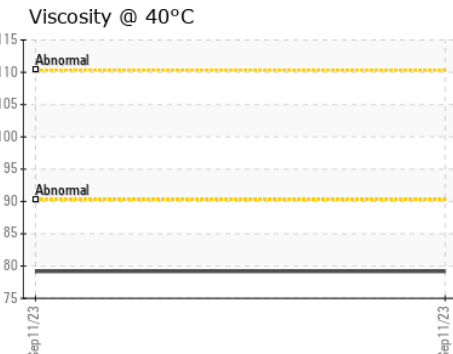
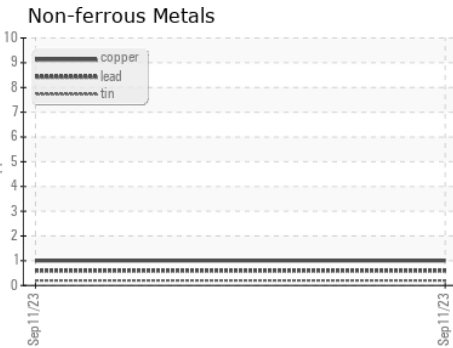
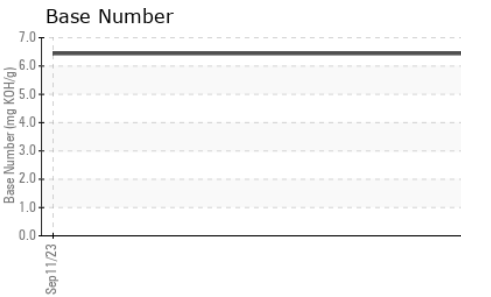
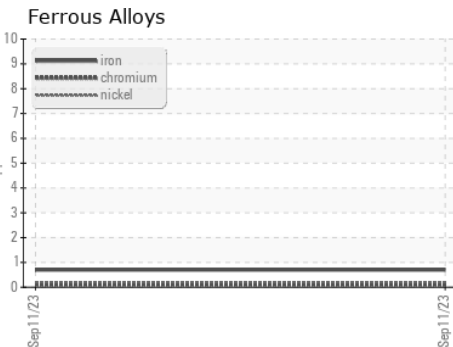
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		<b>79.17</b>	---	---
Visc @ 100°C	cSt	ASTM D445		<b>13.12</b>	---	---
Viscosity Index (VI)	Scale	ASTM D2270		<b>167</b>	---	---



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



## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0069451 **Received** : 12 Sep 2023  
**Lab Number** : **05949712** **Diagnosed** : 18 Sep 2023  
**Unique Number** : 10645671 **Diagnostician** : Jonathan Hester  
**Test Package** : FLEET ( Additional Tests: FT-IR, ICP-NewOil, KV100, PrtCount, TBN, VI )

**BEAUDRY OIL & PROPANE**  
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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)