

PROBLEM SUMMARY

Sample Rating Trend

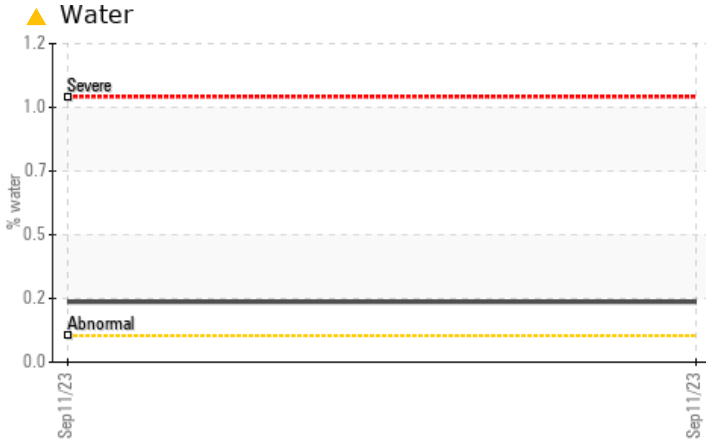


WATER



Machine Id
5W40 EURO - UPPER TANK
 Component
New (Unused) Oil
 Fluid
{not provided} (--- QTS)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

This is a baseline read-out on the submitted sample. We advise that you check for the source of water entry.

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	---	---
Water	%	ASTM D6304		▲ 0.227	---	---
ppm Water	ppm	ASTM D6304		▲ 2270	---	---
Appearance	scalar	*Visual	NORML	▲ HAZY	---	---
Emulsified Water	scalar	*Visual		▲ 0.2%	---	---

Customer Id: BEAELK
 Sample No.: PCA0069450
 Lab Number: 05949711
 Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Jonathan Hester +1 919-379-4092 x4092
jhester@wearcheckusa.com

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

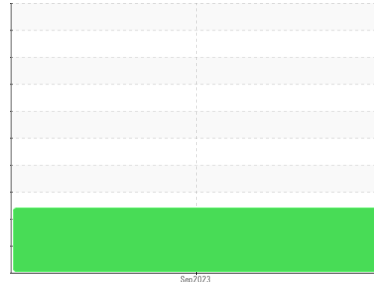
RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Check Water Access	---	---	?	We advise that you check for the source of water entry.

HISTORICAL DIAGNOSIS

OIL ANALYSIS REPORT

Sample Rating Trend



WATER



Machine Id
5W40 EURO - UPPER TANK
 Component
New (Unused) Oil
 Fluid
{not provided} (--- QTS)

DIAGNOSIS

▲ Recommendation

This is a baseline read-out on the submitted sample. We advise that you check for the source of water entry.

▲ Contamination

Appearance is hazy. There is a light concentration of water present in the oil. There is a moderate amount of visible silt present in the sample.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		PCA0069450	---	---
Sample Date	Client Info		11 Sep 2023	---	---
Machine Age	hrs	Client Info	0	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			ABNORMAL	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	<1	---	---
Chromium	ppm	ASTM D5185m	<1	---	---
Nickel	ppm	ASTM D5185m	<1	---	---
Titanium	ppm	ASTM D5185m	0	---	---
Silver	ppm	ASTM D5185m	0	---	---
Aluminum	ppm	ASTM D5185m	4	---	---
Lead	ppm	ASTM D5185m	<1	---	---
Copper	ppm	ASTM D5185m	1	---	---
Tin	ppm	ASTM D5185m	<1	---	---
Vanadium	ppm	ASTM D5185m	0	---	---
Cadmium	ppm	ASTM D5185m	0	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	30	---	---
Barium	ppm	ASTM D5185m	0	---	---
Molybdenum	ppm	ASTM D5185m	7	---	---
Manganese	ppm	ASTM D5185m	<1	---	---
Magnesium	ppm	ASTM D5185m	45	---	---
Calcium	ppm	ASTM D5185m	1625	---	---
Phosphorus	ppm	ASTM D5185m	735	---	---
Zinc	ppm	ASTM D5185m	893	---	---
Sulfur	ppm	ASTM D5185m	2869	---	---

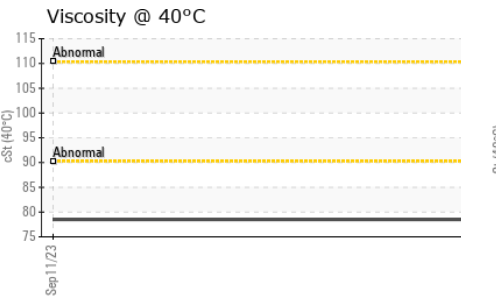
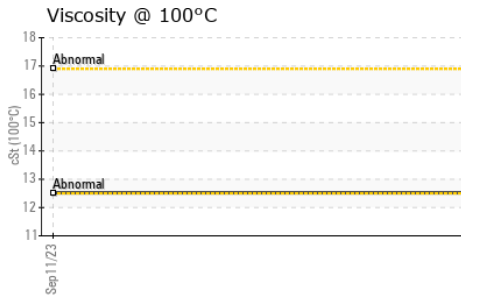
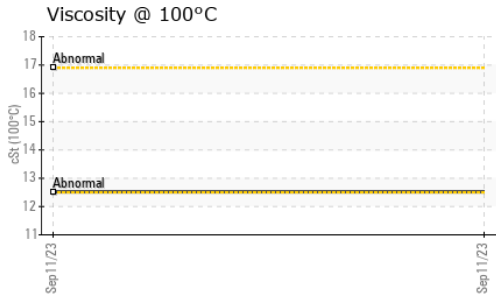
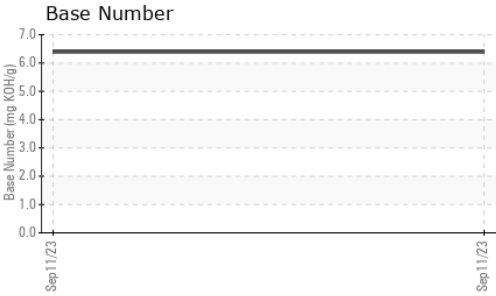
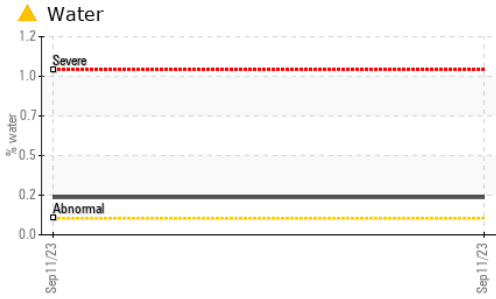
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	2	---	---
Sodium	ppm	ASTM D5185m	<1	---	---
Potassium	ppm	ASTM D5185m >20	2	---	---
Water	%	ASTM D6304	▲ 0.227	---	---
ppm Water	ppm	ASTM D6304	▲ 2270	---	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	1.53	---	---
Base Number (BN)	mg KOH/g	ASTM D2896	6.39	---	---

OIL ANALYSIS REPORT

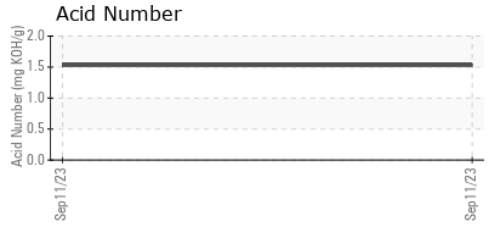
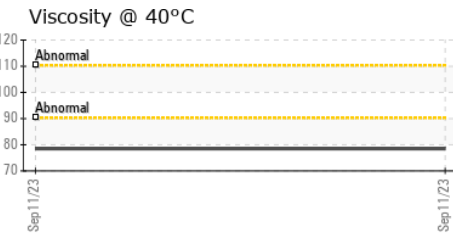
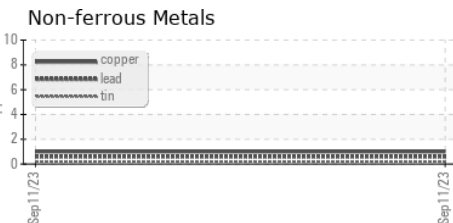
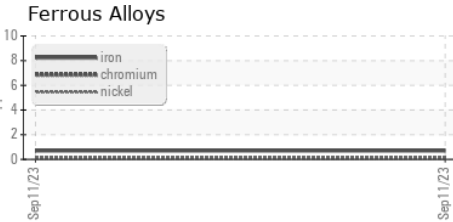


VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Precipitate	scalar	*Visual	NONE	NONE	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	▲ HAZY	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual		▲ 0.2%	---	---
Free Water	scalar	*Visual		NEG	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	78.5	---	---
Visc @ 100°C	cSt	ASTM D445	12.52	---	---
Viscosity Index (VI)	Scale	ASTM D2270	158	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0069450 **Received** : 12 Sep 2023
Lab Number : 05949711 **Diagnosed** : 18 Sep 2023
Unique Number : 10645670 **Diagnostician** : Jonathan Hester
Test Package : FLEET (Additional Tests: FT-IR, ICP-NewOil, KF, KV100, PrtCount, TBN, VI)

BEAUDRY OIL & PROPANE
 630 PROCTOR AVE NW
 ELK RIVER, MN
 US 55330
 Contact: JIM KERNS
 jimk@beaudryoil.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: (763)633-1432