



OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
COOLANT BLK - PPC CUT
Component
Cutting Fluid
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		WC0788786	---	---
Sample Date	Client Info		17 Nov 2023	---	---
Machine Age	mths	Client Info	0	---	---
Oil Age	mths	Client Info	1	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			NORMAL	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	16	---	---
Chromium	ppm	ASTM D6130	0	---	---
Nickel	ppm	ASTM D6130	0	---	---
Titanium	ppm	ASTM D6130	<1	---	---
Silver	ppm	ASTM D6130	0	---	---
Aluminum	ppm	ASTM D6130	116	---	---
Lead	ppm	ASTM D6130	314	---	---
Copper	ppm	ASTM D6130	153	---	---
Tin	ppm	ASTM D6130	<1	---	---
Vanadium	ppm	ASTM D6130	0	---	---
Cadmium	ppm	ASTM D6130	0	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D6130	0	---	---
Barium	ppm	ASTM D6130	0	---	---
Molybdenum	ppm	ASTM D6130	0	---	---
Manganese	ppm	ASTM D6130	<1	---	---
Magnesium	ppm	ASTM D6130	14	---	---
Calcium	ppm	ASTM D6130	73	---	---
Phosphorus	ppm	ASTM D6130	306	---	---
Zinc	ppm	ASTM D6130	264	---	---
Sulfur	ppm	ASTM D6130	1275	---	---

CONTAMINANTS

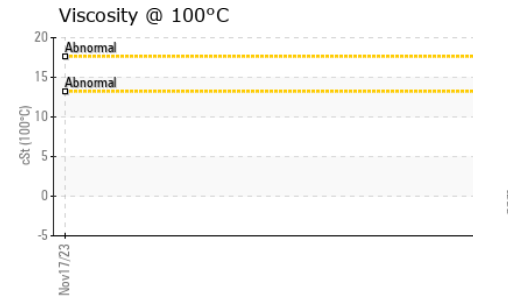
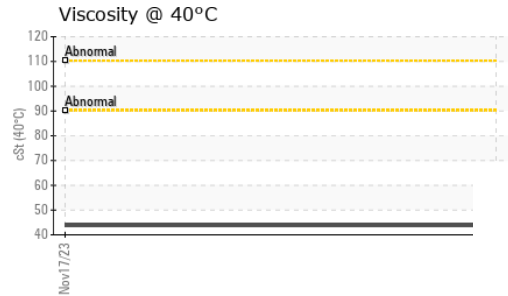
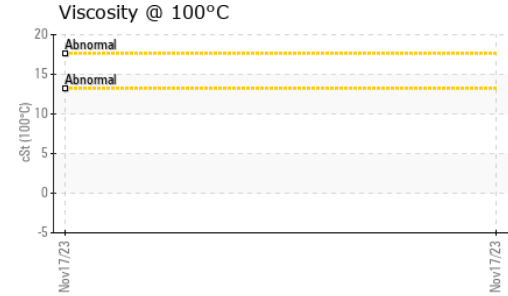
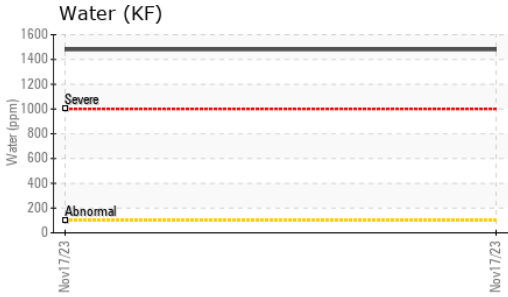
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	124	---	---
Sodium	ppm	ASTM D6130	32	---	---
Potassium	ppm	ASTM D6130	>20	---	---
Water	%	ASTM D6304	0.148	---	---
ppm Water	ppm	ASTM D6304	1480	---	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.23	---	---



OIL ANALYSIS REPORT



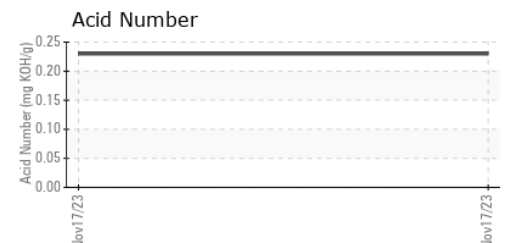
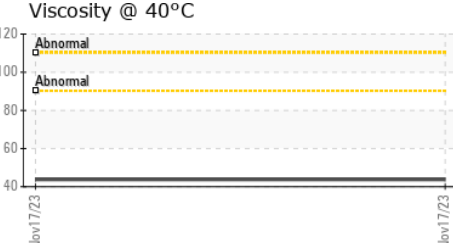
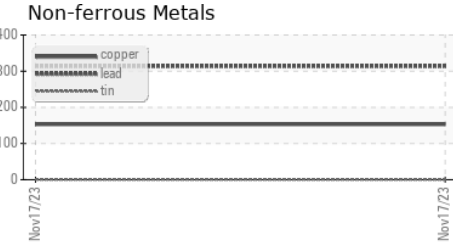
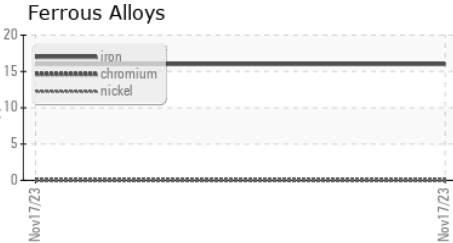
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Precipitate	scalar	*Visual	NONE	NONE	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	43.78	---	---

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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0788786 **Received** : 22 Nov 2023
Lab Number : **06015555** **Diagnosed** : 28 Nov 2023
Unique Number : 10754699 **Diagnostician** : Doug Bogart
Test Package : IND 2 (Additional Tests: FT-IR, ICP-NewOil, KV100, PrtCount, VI)

PPC BROADBAND, INC
 6176 E MOLLOY RD
 EAST SYRACUSE, NY
 US 13057
 Contact: JIM DEVINE
 jdevine@ppc-online.com
 T: (315)431-7337
 F:

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)