



OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
LUBE RED - 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		WC0788785	---	---
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	12	---	---
Chromium	ppm	ASTM D6130	0	---	---
Nickel	ppm	ASTM D6130	0	---	---
Titanium	ppm	ASTM D6130	<1	---	---
Silver	ppm	ASTM D6130	<1	---	---
Aluminum	ppm	ASTM D6130	96	---	---
Lead	ppm	ASTM D6130	324	---	---
Copper	ppm	ASTM D6130	157	---	---
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	13	---	---
Calcium	ppm	ASTM D6130	70	---	---
Phosphorus	ppm	ASTM D6130	302	---	---
Zinc	ppm	ASTM D6130	251	---	---
Sulfur	ppm	ASTM D6130	1285	---	---

CONTAMINANTS

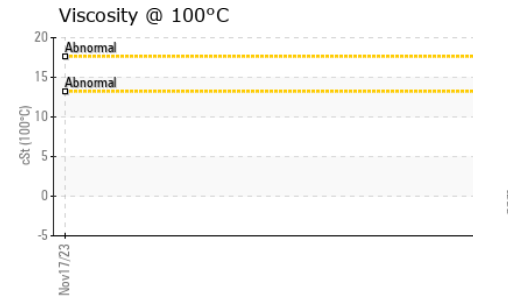
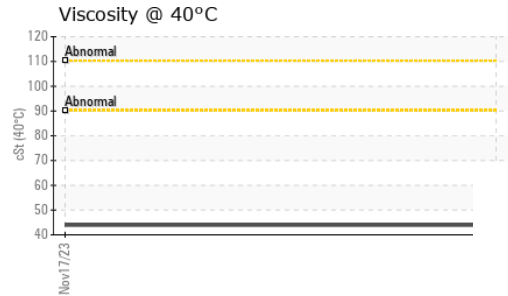
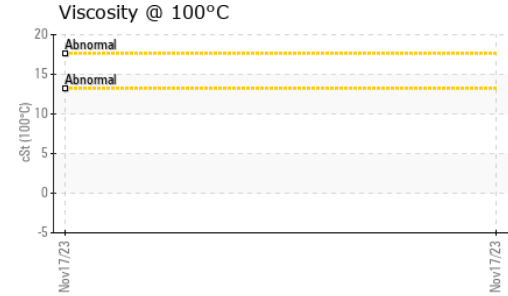
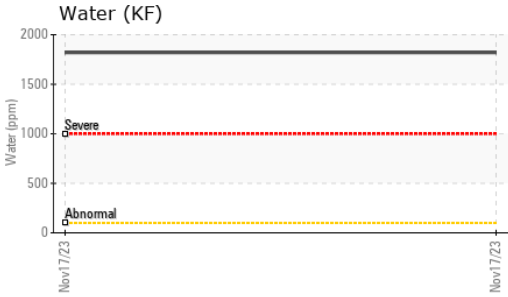
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	125	---	---
Sodium	ppm	ASTM D6130	32	---	---
Potassium	ppm	ASTM D6130	8	---	---
Water	%	ASTM D6304	0.182	---	---
ppm Water	ppm	ASTM D6304	1820	---	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.21	---	---




OIL ANALYSIS REPORT



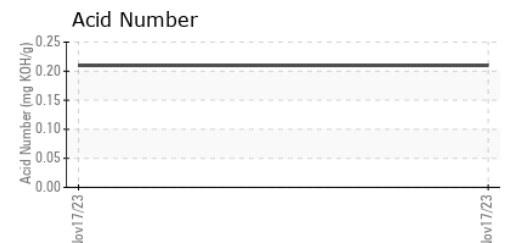
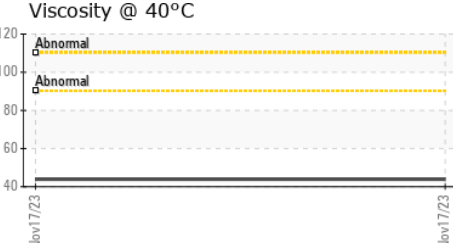
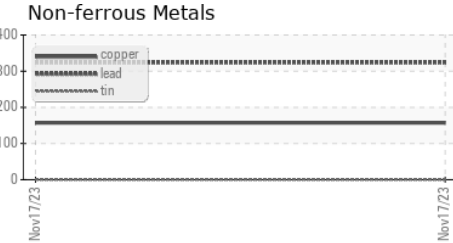
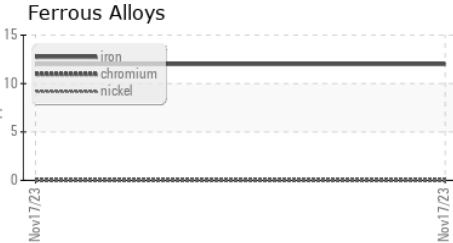
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Precipitate	scalar	*Visual	NONE	NONE	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
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	43.91	---	---

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. : WC0788785 **Received** : 22 Nov 2023
Lab Number : 06015554 **Diagnosed** : 28 Nov 2023
Unique Number : 10754698 **Diagnostician** : Doug Bogart
Test Package : IND 2 (Additional Tests: FT-IR, ICP-NewOil, KV100, PrtCount, VI)

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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)