



OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
ARCSTC
 Component
Diesel Engine
 Fluid
{not provided} (--- GAL)

DIAGNOSIS

Recommendation

This is a baseline read-out on the submitted sample.

Wear

{not applicable}

Contamination

{not applicable}

Fluid Condition

{not applicable}

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC00073032	---	---
Sample Date	Client Info		01 Aug 2023	---	---
Machine Age	hrs	Client Info	149943	---	---
Oil Age	hrs	Client Info	2853	---	---
Oil Changed		Client Info	N/A	---	---
Sample Status			NORMAL	---	---

CONTAMINATION

	method	limit/base	current	history1	history2
Fuel	WC Method	>5	<1.0	---	---
Glycol	WC Method		NEG	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >100	<1	---	---
Chromium	ppm	ASTM D5185(m) >20	<1	---	---
Nickel	ppm	ASTM D5185(m) >4	<1	---	---
Silver	ppm	ASTM D5185(m) >3	<1	---	---
Aluminum	ppm	ASTM D5185(m) >20	3	---	---
Lead	ppm	ASTM D5185(m) >40	4	---	---
Copper	ppm	ASTM D5185(m) >330	<1	---	---
Tin	ppm	ASTM D5185(m) >15	4	---	---

ADDITIVES

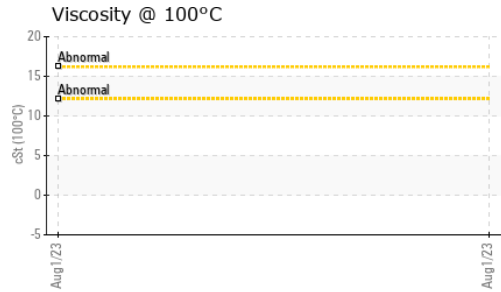
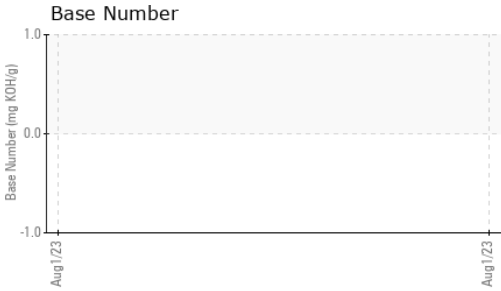
	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	20	---	---
Molybdenum	ppm	ASTM D5185(m)	1	---	---
Magnesium	ppm	ASTM D5185(m)	<1	---	---
Calcium	ppm	ASTM D5185(m)	0	---	---
Phosphorus	ppm	ASTM D5185(m)	8	---	---
Zinc	ppm	ASTM D5185(m)	1	---	---

CONTAMINANTS

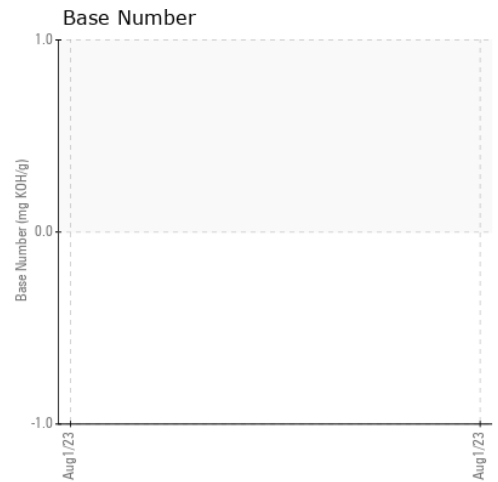
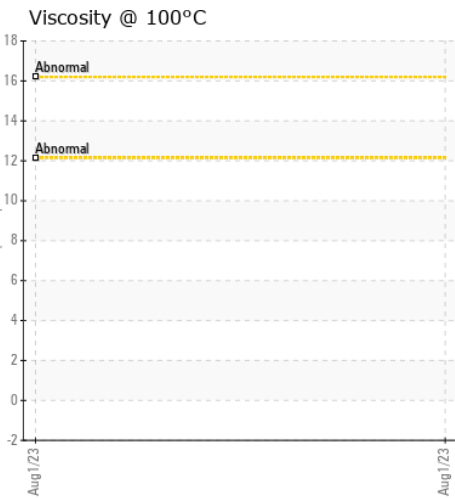
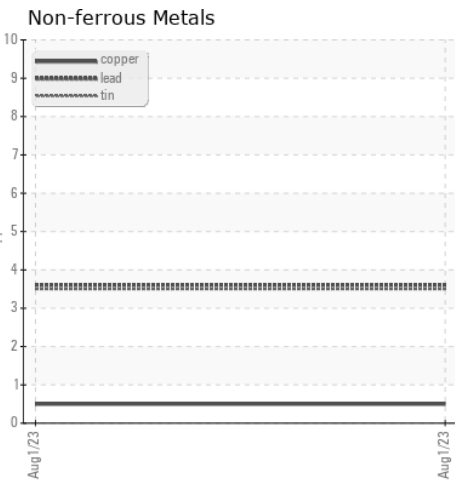
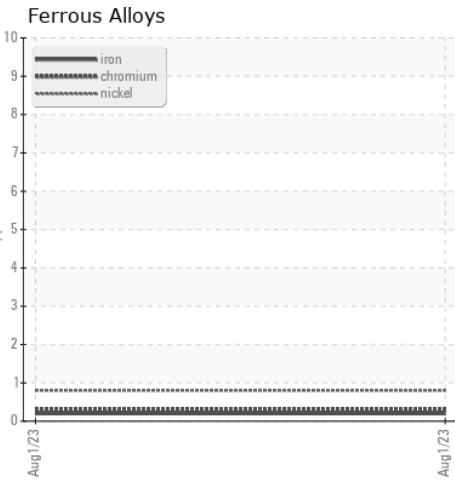
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >25	2	---	---
Sodium	ppm	ASTM D5185(m)	<1	---	---
Potassium	ppm	ASTM D5185(m) >20	4	---	---



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GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC00073032 **Received** : 06 Dec 1990
Lab Number : **00073032** **Diagnosed** : 01 Aug 2023
Unique Number : 39377 **Diagnostician** : Jakub Fatula
Test Package : IND 2

WEARCHECK CANADA INC.
 C8-1175 Appleby Line
 BURLINGTON, ON
 CA L7L 5H9
 Contact: Dorian Anderson
 dorian.anderson@wearcheck.com
 T:
 F: (905)569-8605

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.