FUEL REPORT

Sample Rating Trend

OFF SPEC

Machine Id
VEHICLE
Component
Gasoline
Fluid
No.2 DIESEL FUEL (ULTRALOW SULPHUR) (--- GAL)

DIAGNOSIS

Recommendation

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

Wear

{not applicable}

Contamination

The diesel fuel contains >80% gasoline.

Fluid Condition

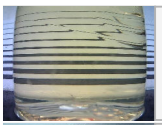
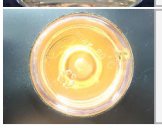
Pensky-Martens Flash Point is severely low. 20% Distill Point results are abnormally low. 50% Distill Point results are abnormally low. 90% Distill Point and cetane index results are abnormally low.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number		Client Info		**WC**	---	---
Sample Date		Client Info		**22 Aug 2023**	---	---
Machine Age	hrs	Client Info		**0**	---	---
Oil Age	hrs	Client Info		**0**	---	---
Oil Changed		Client Info		**N/A**	---	---
Sample Status				**SEVERE**	---	---

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
Pensky-Martens Flash Point	°C	ASTM D7215*	52	**16.6**	---	---

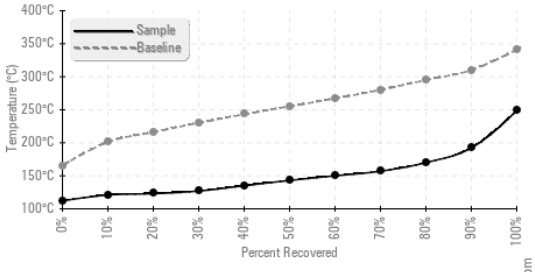
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D2887*	165	**112**	---	---
5% Distillation Point	°C	ASTM D2887*		**121**	---	---
10% Distill Point	°C	ASTM D2887*	201	**121**	---	---
15% Distillation Point	°C	ASTM D2887*		**122**	---	---
20% Distill Point	°C	ASTM D2887*	216	**123**	---	---
30% Distill Point	°C	ASTM D2887*	230	**127**	---	---
40% Distill Point	°C	ASTM D2887*	243	**135**	---	---
50% Distill Point	°C	ASTM D2887*	255	**143**	---	---
60% Distill Point	°C	ASTM D2887*	267	**150**	---	---
70% Distill Point	°C	ASTM D2887*	280	**157**	---	---
80% Distill Point	°C	ASTM D2887*	295	**170**	---	---
85% Distillation Point	°C	ASTM D2887*		**181**	---	---
90% Distill Point	°C	ASTM D2887*	310	**192**	---	---
95% Distillation Point	°C	ASTM D2887*		**214**	---	---
Final Boiling Point	°C	ASTM D2887*	341	**249**	---	---

IGNITION QUALITY	method	limit/base	current	history1	history2
Cetane Index	ASTM D4737*	<40.0	**22**	---	---

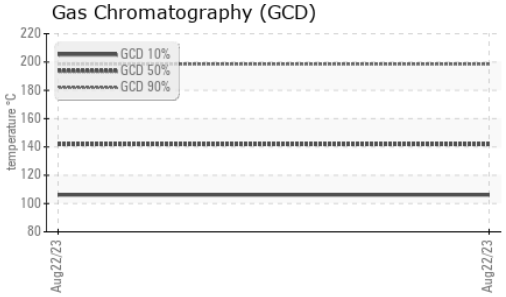
SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				*no image*	*no image*
Bottom				*no image*	*no image*

FUEL REPORT

Fuel Distillation Curve

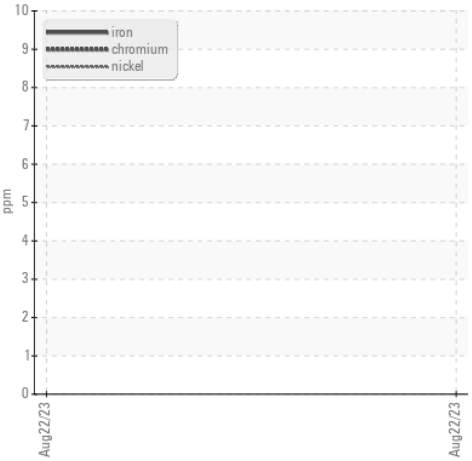


Gas Chromatography (GCD)

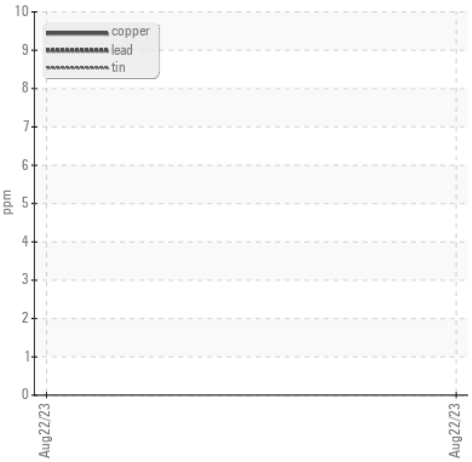


GRAPHS

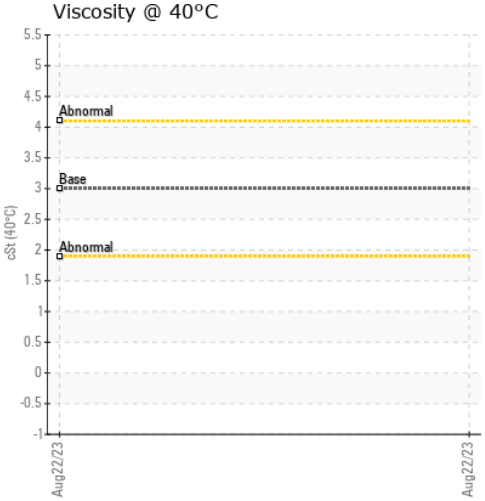
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



ISO 17025:2017 Accredited Laboratory

Laboratory	: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9		
Sample No.	: WC	**Received**	: 23 Aug 2023
Lab Number	: 02577843	**Diagnosed**	: 29 Aug 2023
Unique Number	: 5630903	**Diagnostician**	: Bill Quesnel
Test Package	: TEST (Additional Tests: API, CC Flash, Cetane, FUEL, GC-PercFuel, GCD, SpecGravity)		

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.

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