

# **FUEL REPORT**

# TANK LLOLYN

Component

Gasoline

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.

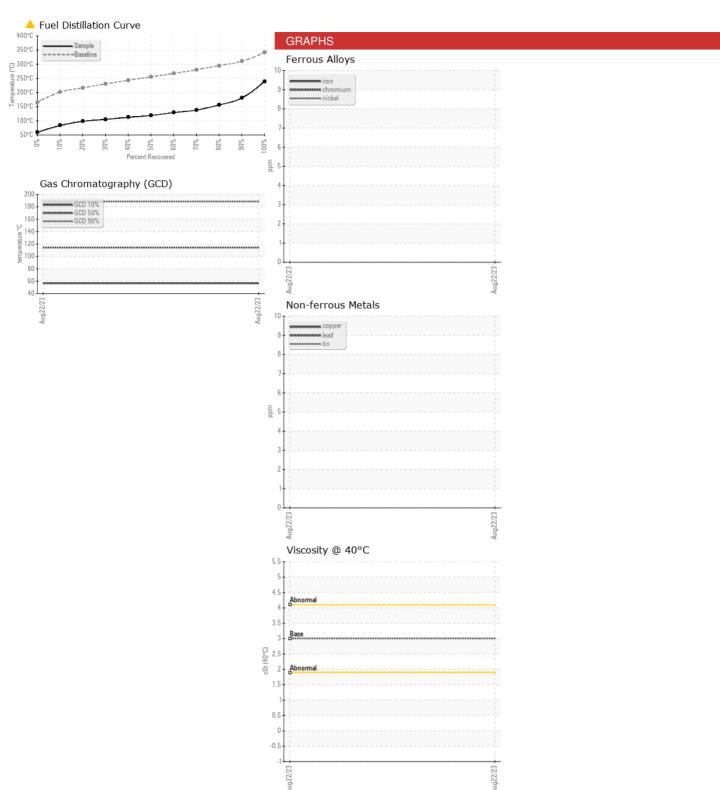
### Fluid Condition

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.

i) ( G/12)				Aug2023		
SAMPLE INFORM	IATION	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 PROP	ERTIES	method	limit/base	current	history1	history2
Pensky-Martens Flash Point	°C	ASTM D7215*	52	-21.5		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D2887*	165	59		
5% Distillation Point	°C	ASTM D2887*		71		
10% Distill Point	°C	ASTM D2887*	201	83		
15% Distillation Point	°C	ASTM D2887*		91		
20% Distill Point	°C	ASTM D2887*	216	<u> </u>		
30% Distill Point	°C	ASTM D2887*	230	105		
40% Distill Point	°C	ASTM D2887*	243	112		
50% Distill Point	°C	ASTM D2887*	255	<u> </u>		
60% Distill Point	°C	ASTM D2887*	267	129		
70% Distill Point	°C	ASTM D2887*	280	138		
80% Distill Point	°C	ASTM D2887*	295	156		
85% Distillation Point	°C	ASTM D2887*		168		
90% Distill Point	°C	ASTM D2887*	310	<b>180</b>		
95% Distillation Point	°C	ASTM D2887*		201		
Final Boiling Point	°C	ASTM D2887*	341	239		
IGNITION QUALIT	Υ	method	limit/base	current	history1	history2
Cetane Index		ASTM D4737*	<40.0	<b>△</b> 28		
SAMPLE IMAGES	;	method	limit/base	current	history1	history2
Color					no image	no image
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Bottom					no image	no image



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CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Lab Number Unique Number : 5630902

: WC

: 02577842

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Received : 23 Aug 2023 Diagnosed

: 29 Aug 2023 Diagnostician : Bill Quesnel

**MCDOUGALL ENERGY** 220 DONEY CRESCENT UNIT 201

CONCORD, ON CA L4K 3A8

Test Package : TEST (Additional Tests: API, CC Flash, Cetane, FUEL, GC-PercFuel, GCD, SpecGravity) Contact: Michael D'ilario To discuss this sample report, contact Customer Service at 1-800-268-2131.

michaeld'ilario@mcdougallcorp.com

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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