FUEL KIT

FUEL REPORT

CORROSION	NORMAL
CONTAMINANTS	ATTENTION
FUEL CONDITION	NORMAL

Area
[156398]
Machine Id
CSCO76G
Component
Diesel Fuel
Fluid
No.2 DIESEL FUEL (LOW-SULPHUR) (--- GAL)

RECOMMENDATION

Laboratory test indicate that this fuel is suitable for use and meets all test requirements. We advise that you filter this fluid before use. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

CORROSION

{not applicable}

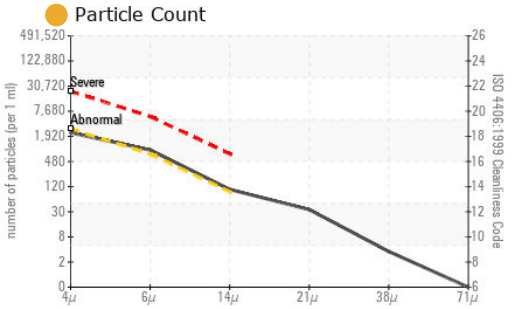
CONTAMINANTS

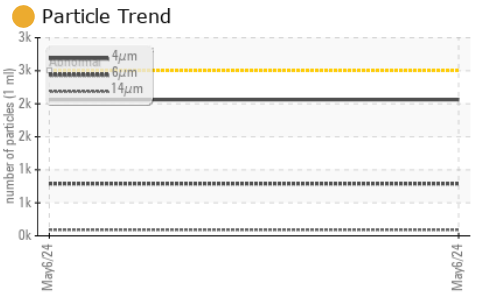
There is a light amount of silt (particulates < 14 microns in size) present in the fuel. The water content is negligible.

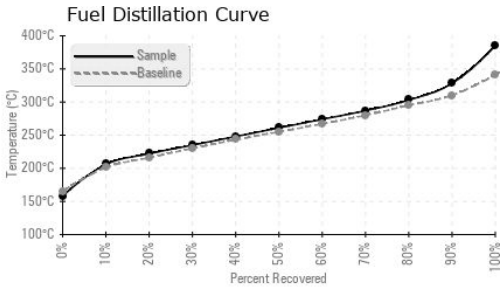
FUEL CONDITION

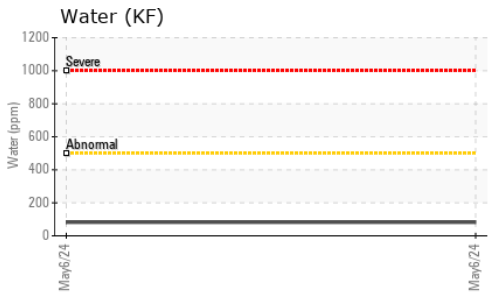
All laboratory tests indicate that this sample meets specifications for No.2 diesel fuel, low sulfur (US EPA/CGSB-3.517-3 type B).

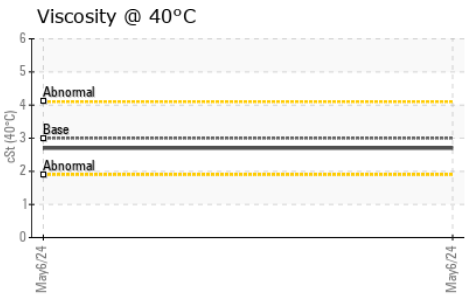
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		CU0023834	---	---
Sample Date		Client Info		06 May 2024	---	---
Machine Age	hrs	Client Info		20000	---	---
Sample Status				ATTENTION	---	---
Aluminum	ppm	ASTM D5185(m)	<0.1	0	---	---
Nickel	ppm	ASTM D5185(m)	<0.1	0	---	---
Lead	ppm	ASTM D5185(m)	<0.1	0	---	---
Vanadium	ppm	ASTM D5185(m)	<0.1	0	---	---
Iron	ppm	ASTM D5185(m)	<0.1	0	---	---
Silicon	ppm	ASTM D5185(m)	<1.0	0	---	---
Sodium	ppm	ASTM D5185(m)	<0.1	<1	---	---
Potassium	ppm	ASTM D5185(m)	<0.1	<1	---	---
Water	%	ASTM D6304*	<0.05	0.008	---	---
ppm Water	ppm	ASTM D6304*	<500	82	---	---
Particles >4µm		ASTM D7647	>2500	2061	---	---
Particles >6µm		ASTM D7647	>640	790	---	---
Particles >14µm		ASTM D7647	>80	91	---	---
Particles >21µm		ASTM D7647	>20	30	---	---
Particles >38µm		ASTM D7647	>4	3	---	---
Particles >71µm		ASTM D7647	>3	0	---	---
Oil Cleanliness		ISO 4406 (c)	>18/16/13	18/17/14	---	---
Calcium	ppm	ASTM D5185(m)	<0.1	2	---	---
Magnesium	ppm	ASTM D5185(m)	<0.1	<1	---	---
Phosphorus	ppm	ASTM D5185(m)	<0.1	3	---	---
Zinc	ppm	ASTM D5185(m)	<0.1	<1	---	---
Specific Gravity		ASTM D1298*	0.839	0.847	---	---
Fuel Color	text	Visual Screen*	Yllow	Orang	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	3.0	2.7	---	---
Sulfur	ppm	ASTM D5185(m)	250	25	---	---
Initial Boiling Point	°C	ASTM D2887*	165	158	---	---
10% Distill Point	°C	ASTM D2887*	201	206	---	---
20% Distill Point	°C	ASTM D2887*	216	222	---	---
30% Distill Point	°C	ASTM D2887*	230	235	---	---
40% Distill Point	°C	ASTM D2887*	243	248	---	---
50% Distill Point	°C	ASTM D2887*	255	261	---	---
60% Distill Point	°C	ASTM D2887*	267	274	---	---
70% Distill Point	°C	ASTM D2887*	280	287	---	---
80% Distill Point	°C	ASTM D2887*	295	303	---	---
90% Distill Point	°C	ASTM D2887*	310	328	---	---
Final Boiling Point	°C	ASTM D2887*	341	385	---	---
API Gravity		ASTM D1298*	37.7	35	---	---
Cetane Index		ASTM D4737*	<40.0	46	---	---

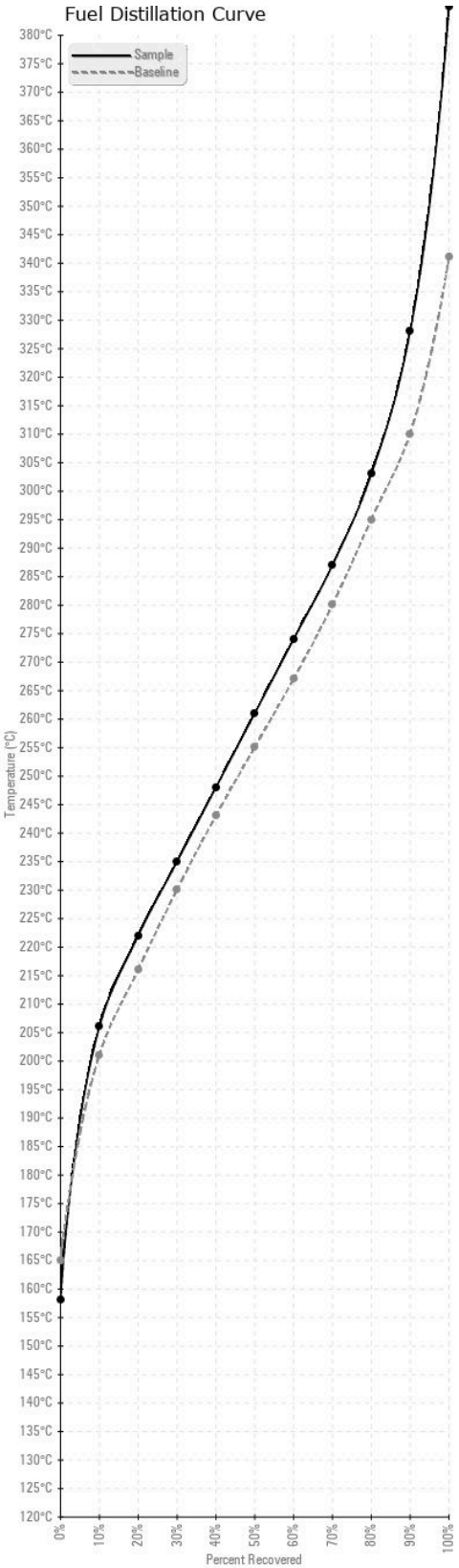


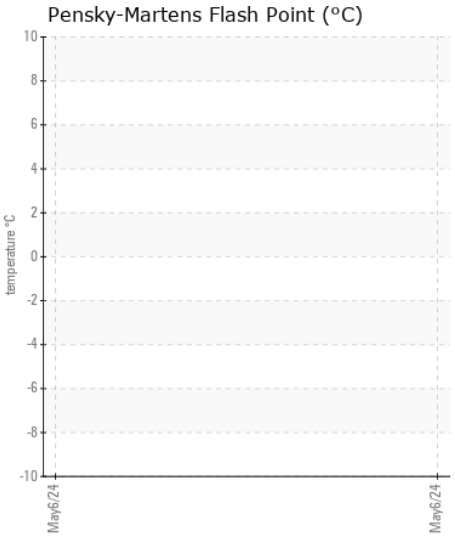


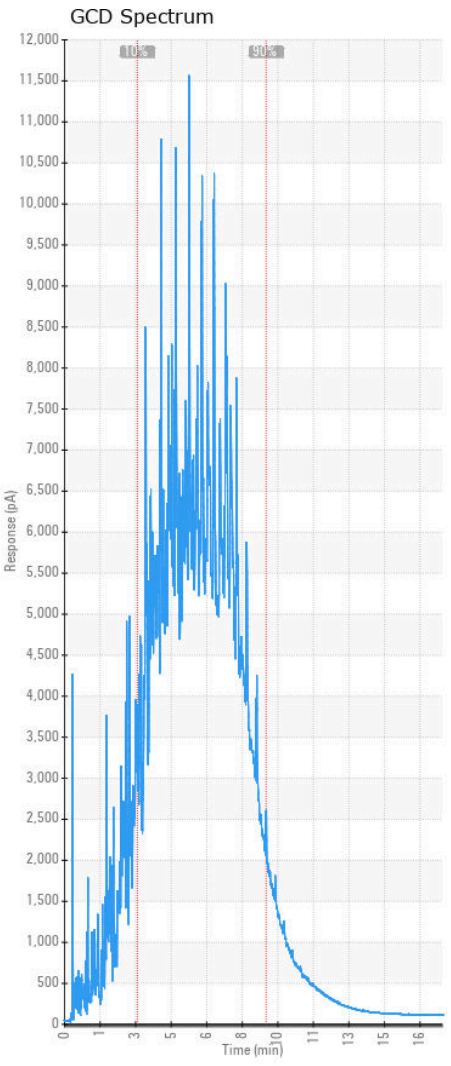












CALA
ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : CU0023834
Lab Number : 02633973
Unique Number : 5775126
Test Package : FUEL (Additional Tests: CC Flash, PrtCount)

Received : 07 May 2024
Tested : 08 May 2024
Diagnosed : 09 May 2024 - Kevin Marson

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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.