

FUEL REPORT

Sample Rating Trend

ISO

Diesel Fuel

NOT GIVEN (--- GAL)

TEUPON 30T0004 - VERMEER MANCELONA Component

Recommendation

We advise that you filter this fluid before use. All laboratory tests indicate that this sample meets specifications for No.2 ultra-low-sulfur diesel fuel.

Corrosion

All metal levels are normal indicating no corrosion in the system.

▲ Contaminants

There is a high amount of particulates present in the fuel. The water content is negligible. There is no bacteria or fungus (yeast and/or mold) indicated in the sample.

Fuel Condition

Sulfur value derived by ASTM D5453 method for ULSD validation. Sulfur level is acceptable for ULSD specification.

				Nov2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		AOL06028275		
Sample Date		Client Info		30 Nov 2023		
Machine Age	hrs	Client Info		0		
Sample Status				ATTENTION		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298		0.855		
Fuel Color	text	*Visual Screen		Yllow		
ASTM Color	scalar	*ASTM D1500		3.0		
Visc @ 40°C	cSt	ASTM D445		2.5		
SULFUR CONTE	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		0		
Sulfur (UVF)	ppm	ASTM D5453		12		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86		163		
5% Distillation Point	°C	ASTM D86		200		
10% Distill Point	°C	ASTM D86		213		
15% Distillation Point	°C	ASTM D86		222		
20% Distill Point	°C	ASTM D86		228		
30% Distill Point	°C	ASTM D86		238		
40% Distill Point	°C	ASTM D86		248		
50% Distill Point	°C	ASTM D86		258		
60% Distill Point	°C	ASTM D86		267		
70% Distill Point 80% Distill Point	°C	ASTM D86 ASTM D86		279 292		
85% Distillation Point		ASTM D86		301		
90% Distill Point	°C	ASTM D86		312		
95% Distillation Point		ASTM D86		330		
Final Boiling Point	°C	ASTM D86		342		
Distillation Residue	%	ASTM D86		1.4		
Distillation Loss	%	ASTM D86		0.6		
IGNITION QUALIT	ГΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777		34.0		
Cetane Index		ASTM D4737	<40.0	43.0		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	0		
Sodium	ppm	ASTM D5185m	< 0.1	2		
Potassium	ppm	ASTM D5185m	<0.1	0		
Water	%	ASTM D6304	< 0.05	0.005		
ppm Water	ppm	ASTM D6304	<500	57		
% Gasoline	%	*In-House	< 0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		



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Certificate L2367

Sample No. Lab Number Unique Number

: AOL06028275 : 06028275

: 10778066

Recieved Diagnosed

: 07 Dec 2023 : 02 Jan 2024 Diagnostician : Doug Bogart

Test Package : DF-1 (Additional Tests: Screen) 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)

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