



CONSTRUCTION EQUIPMENT

4200158960 622151 - DIESEL FUEL



Sample No: WC0660600
Oil Type: No.2 DIESEL FUEL (ULTRALOW SULPHUR)
Job No: 4200158960



SAMPLE INFORMATION

Sample Number	WC0660600	---	---	---
Sample Date	30 Aug 2022	---	---	---
Machine Hours	0	---	---	---
Sample Status	ABNORMAL	---	---	---

STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD
 MISSISSAUGA, ON
 CA L4W 4L4

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FUEL CONDITION

Initial Boiling Point °C	152	---	---	---
10% Distill Point °C	203	---	---	---
20% Distill Point °C	218	---	---	---
30% Distill Point °C	232	---	---	---
40% Distill Point °C	246	---	---	---
50% Distill Point °C	259	---	---	---
60% Distill Point °C	271	---	---	---
70% Distill Point °C	286	---	---	---
80% Distill Point °C	303	---	---	---
90% Distill Point °C	323	---	---	---
Final Boiling Point °C	345	---	---	---
Cetane Index	47	---	---	---
API Gravity	36	---	---	---
Sulfur ppm	8	---	---	---
Visc @ 40°C cSt	2.6	---	---	---
Fuel Color text	Red	---	---	---

Diagnosis

We advise that you check for the source of water entry. Check with fluid supplier for the availability of biocides to control the microorganisms in the system. We advise that you filter this fluid before use. We advise that you follow the water drain-off procedure for this component. We recommend you service the filters on this component. Recommend resampling in 10 days. We recommend an early resample to monitor this condition. NOTE: test for urea content and water indicate layer of contaminant at the bottom of the sample is water NOT DEF.(not applicable) Bacteria Bacteria Bacteria are abnormal. Particles >4µm are abnormally high. Particles >6µm and oil cleanliness are abnormally high. There is a moderate concentration of water present in the fuel. There is no bacteria or fungus (yeast and/or mold) present in the sample. Elevated bacteria counts. Small amount of yeast present. No reportable mold present. All laboratory tests indicate that this sample meets specifications for No.2 ultra-low-sulfur diesel fuel (US EPA/CGSB-3.517-3 type B).



CONTAMINATION

Water %	0.007	---	---	---
Bacteria CFU/ml	100000	---	---	---
Yeast CFU/ml	1000	---	---	---
Mold Colonies	NONE	---	---	---
Lead ppm	0	---	---	---
Nickel ppm	0	---	---	---
Aluminum ppm	0	---	---	---
Vanadium ppm	0	---	---	---
Silicon ppm	0	---	---	---

Depot: SHEMIS
Unique No: 5449424
Signed: Kevin Marson
Report Date: 06 Sep 2022

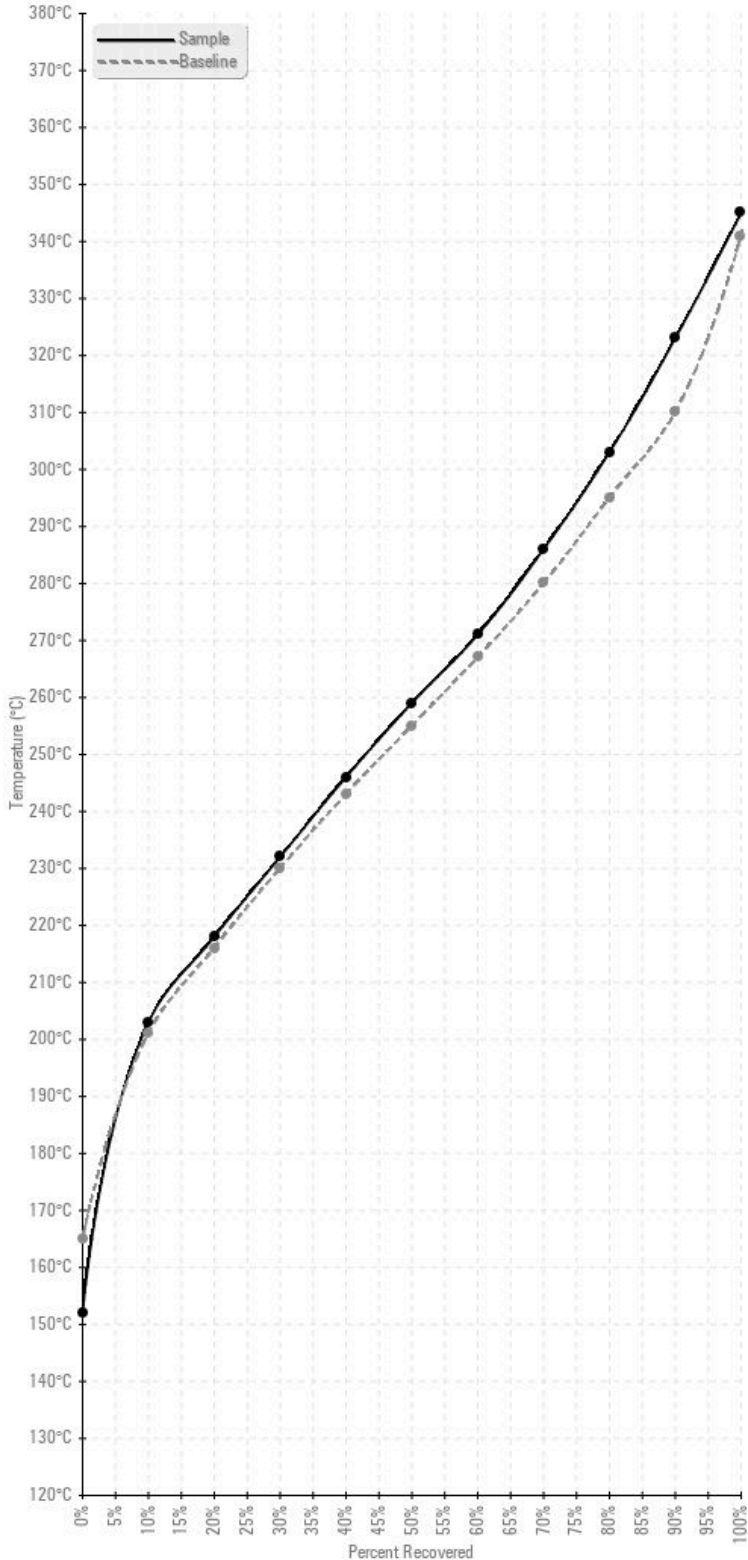


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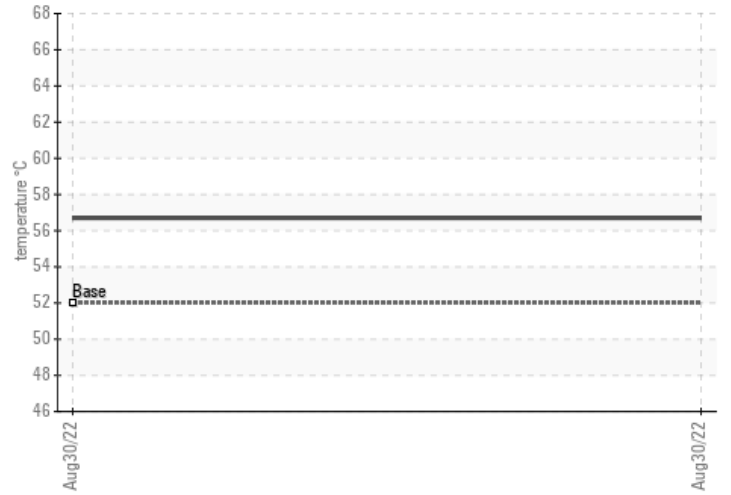


VOLVO GRAPHS

Fuel Distillation Curve



Pensky-Martens Flash Point (°C)



GCD Spectrum

