

OIL ANALYSIS REPORT



R1-22767 73315433 - DIESEL FUEL

Sample No: VPA060243

Oil Type: No.2 DIESEL FUEL (ULTRALOW SULPHUR)

SAMPLE INFORMATION

Sample Number	VPA060243	---	---	---
Sample Date	12 Oct 2023	---	---	---
Machine Hours	301	---	---	---
Sample Status	SEVERE	---	---	---

FUEL CONDITION

Initial Boiling Point	°C	174	---	---	---
10% Distill Point	°C	213	---	---	---
20% Distill Point	°C	237	---	---	---
30% Distill Point	°C	257	---	---	---
40% Distill Point	°C	272	---	---	---
50% Distill Point	°C	287	---	---	---
60% Distill Point	°C	292	---	---	---
70% Distill Point	°C	297	---	---	---
80% Distill Point	°C	302	---	---	---
90% Distill Point	°C	318	---	---	---
Final Boiling Point	°C	367	---	---	---
Cetane Index		70	---	---	---
API Gravity		43	---	---	---
Sulfur	ppm	5	---	---	---
Visc @ 40°C	cSt	2.8	---	---	---
Fuel Color	text	Orang	---	---	---

CONTAMINATION

Water	%	0.002	---	---	---
Lead	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Aluminum	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---
Silicon	ppm	0	---	---	---

CULLEN DIESEL POWER - 695335

9300 192 ST

SURREY, BC

CA V4N 3R8

Contact: Venu Iyer

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T: (604)455-2207

F:

Diagnosis

We advise that you check all areas where contaminants can enter the system. Laboratory test indicate that this fuel is suitable for use and meets all test requirements. We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. We advise that you filter this fluid before use. Resample in 30-45 days to monitor this situation. {not applicable} There is a high amount of particulates (2 to 100 microns in size) present in the fuel. The water content is negligible. The fuel is still serviceable provided that the contaminant(s) can be reduced to acceptable levels. 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).

Depot: CULSUR

Unique No: 5659493

Signed: Kevin Marson

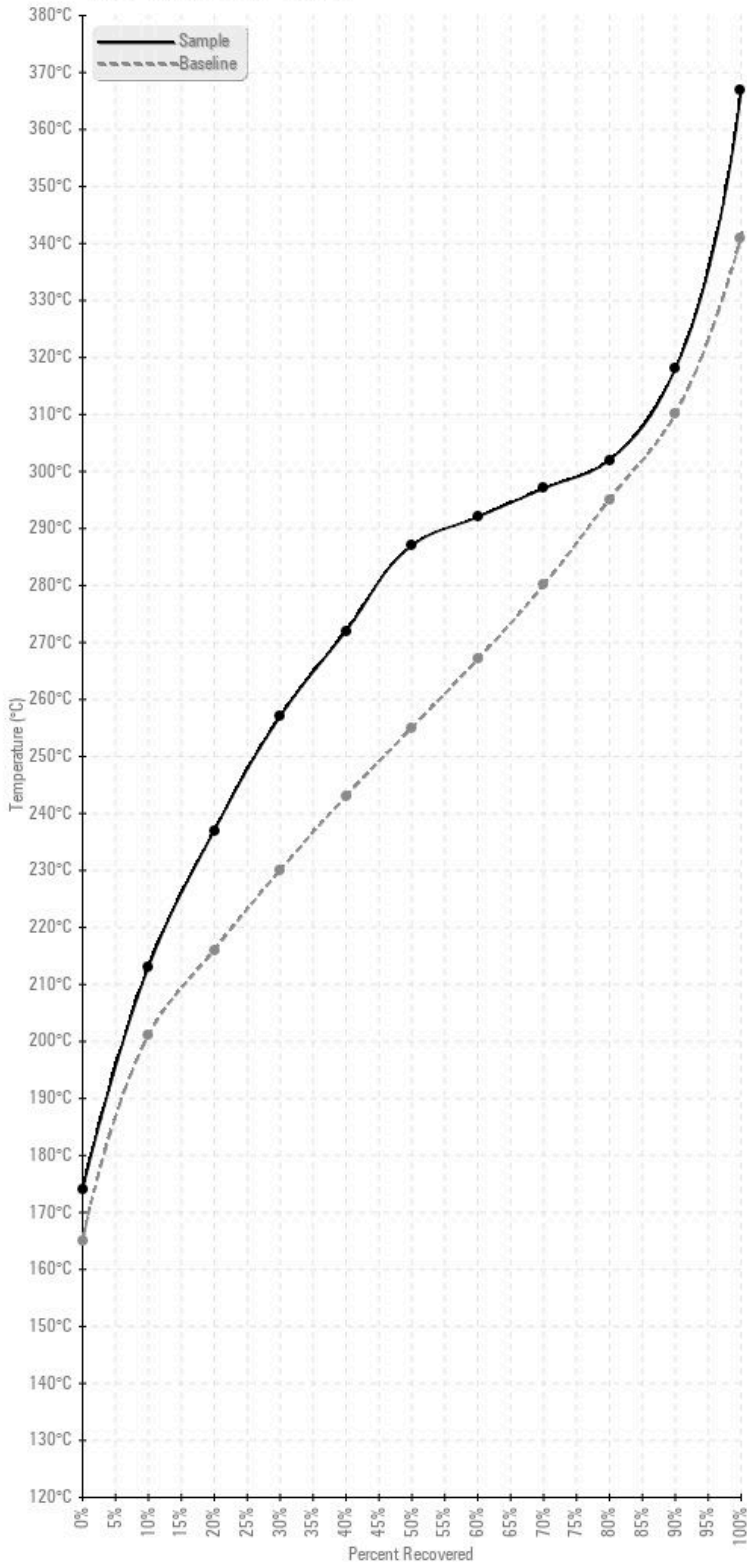
Report Date: 23 Oct 2023

Contact/Location: Venu Iyer - CULSUR

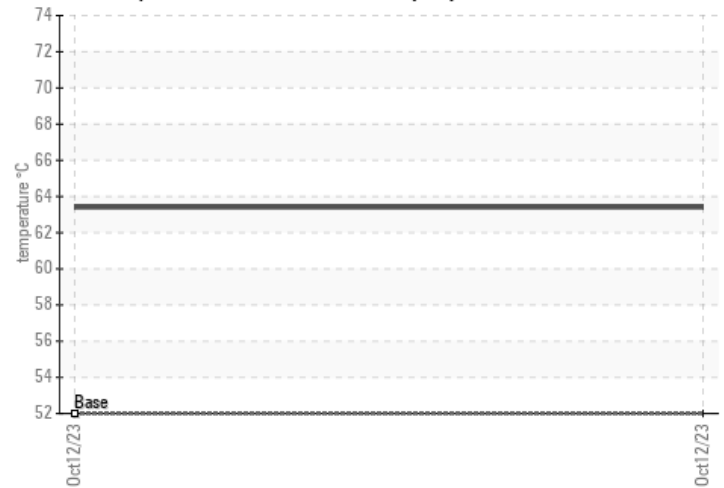
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GRAPHS

Fuel Distillation Curve



Pensky-Martens Flash Point (°C)



GCD Spectrum

