

OIL ANALYSIS REPORT

VOLVO PENTA

POWERSECURE VP-346944 - INDUSTRIAL - DIESEL FUEL

Sample No: VPA05914190

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA05914190	---	---	---
Sample Date	01 Aug 2023	---	---	---
Machine Hours	0	---	---	---
Sample Status	ATTENTION	---	---	---

FUEL CONDITION

Initial Boiling Point	°C	161	---	---	---
10% Distill Point	°C	195	---	---	---
20% Distill Point	°C	211	---	---	---
30% Distill Point	°C	227	---	---	---
40% Distill Point	°C	242	---	---	---
50% Distill Point	°C	256	---	---	---
60% Distill Point	°C	270	---	---	---
70% Distill Point	°C	285	---	---	---
80% Distill Point	°C	301	---	---	---
90% Distill Point	°C	323	---	---	---
Final Boiling Point	°C	347	---	---	---
Cetane Index		48.5	---	---	---
API Gravity		37.8	---	---	---
Sulfur	ppm	█ 21	---	---	---
Visc @ 40°C	cSt	█ 2.4	---	---	---
Fuel Color	text	Red	---	---	---

CONTAMINATION

Water	%	█ 0.004	---	---	---
Lead	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---
Silicon	ppm	█ 0	---	---	---

VOLVO PENTA - CORPORATE

1300 VOLVO PENTA DRIVE
CHESAPEAKE, VA
US 23320

Contact: Aaron Davis
aaron.davis@volvo.com

T:
F: (757)436-5150

Diagnosis

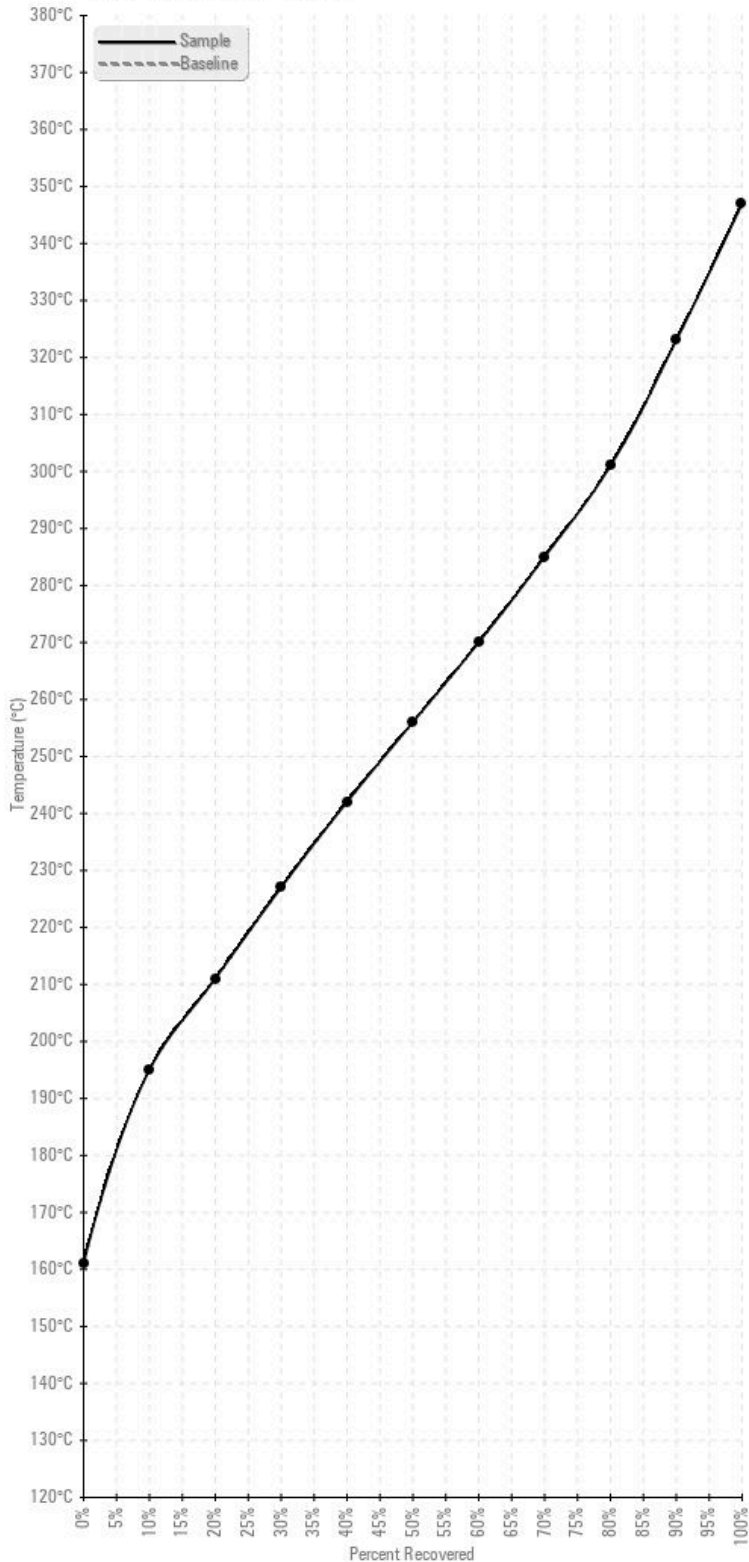
In spite of appearance, all laboratory tests indicate that this sample meets specifications for No.2 ultra-low-sulfur diesel fuel. All metal levels are normal indicating no corrosion in the system. Appearance is unusual. There is no bacteria or fungus (yeast and/or mold) indicated in the sample. The water content is negligible. The amount and size of particulates present in the system are acceptable. Sulfur value derived by ASTM D5453 method for ULSD validation. Sulfur level is acceptable for ULSD specification.

Depot: VOLVOPENTA
Unique No: 10586104
Signed: Doug Bogart
Report Date: 10 Aug 2023

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GRAPHS

Fuel Distillation Curve



Pensky-Martens Flash Point (°C)

