

OIL ANALYSIS REPORT

VOLVO PENTA

NOT GIVEN VPA0000059 (S/N NO INFO ON SIF/BOTTLE) - DIESEL FUEL

Sample No: VPA0000059

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

SAMPLE INFORMATION

Sample Number	VPA0000059	---	---	---
Sample Date	25 Jun 2024	---	---	---
Machine Hours	0	---	---	---
Sample Status	ABNORMAL	---	---	---

FUEL CONDITION

Initial Boiling Point	°C	153	---	---	---
10% Distill Point	°C	183	---	---	---
20% Distill Point	°C	194	---	---	---
30% Distill Point	°C	203	---	---	---
40% Distill Point	°C	211	---	---	---
50% Distill Point	°C	221	---	---	---
60% Distill Point	°C	231	---	---	---
70% Distill Point	°C	242	---	---	---
80% Distill Point	°C	258	---	---	---
90% Distill Point	°C	290	---	---	---
Final Boiling Point	°C	331	---	---	---
Cetane Index		48.0	---	---	---
API Gravity		42.1	---	---	---
Sulfur	ppm	297	---	---	---
Visc @ 40°C	cSt	1.66	---	---	---
Fuel Color	text	Red	---	---	---

CONTAMINATION

Water	%	0.003	---	---	---
Lead	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Aluminum	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---
Silicon	ppm	<1	---	---	---

VOLVO PENTA - CORPORATE

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Diagnosis

We advise that you check for the source of gasoline entry. Recommend drain fuel if not already done and flush before refilling with fuel. Fluid does not meet ASTM D975 requirements. Contact supplier. All metal levels are normal indicating no corrosion in the system. There is a light concentration of a volatile similar to gasoline present in the fuel. The water content is negligible. There is no bacteria or fungus (yeast and/or mold) indicated in the sample. The amount and size of particulates present in the system are acceptable. Volatiles present in the fuel are lowering the viscosity. Sulfur value derived by ASTM D5453 method for ULSD validation.

Depot: VOLVOPENTA

Unique No: 11101265

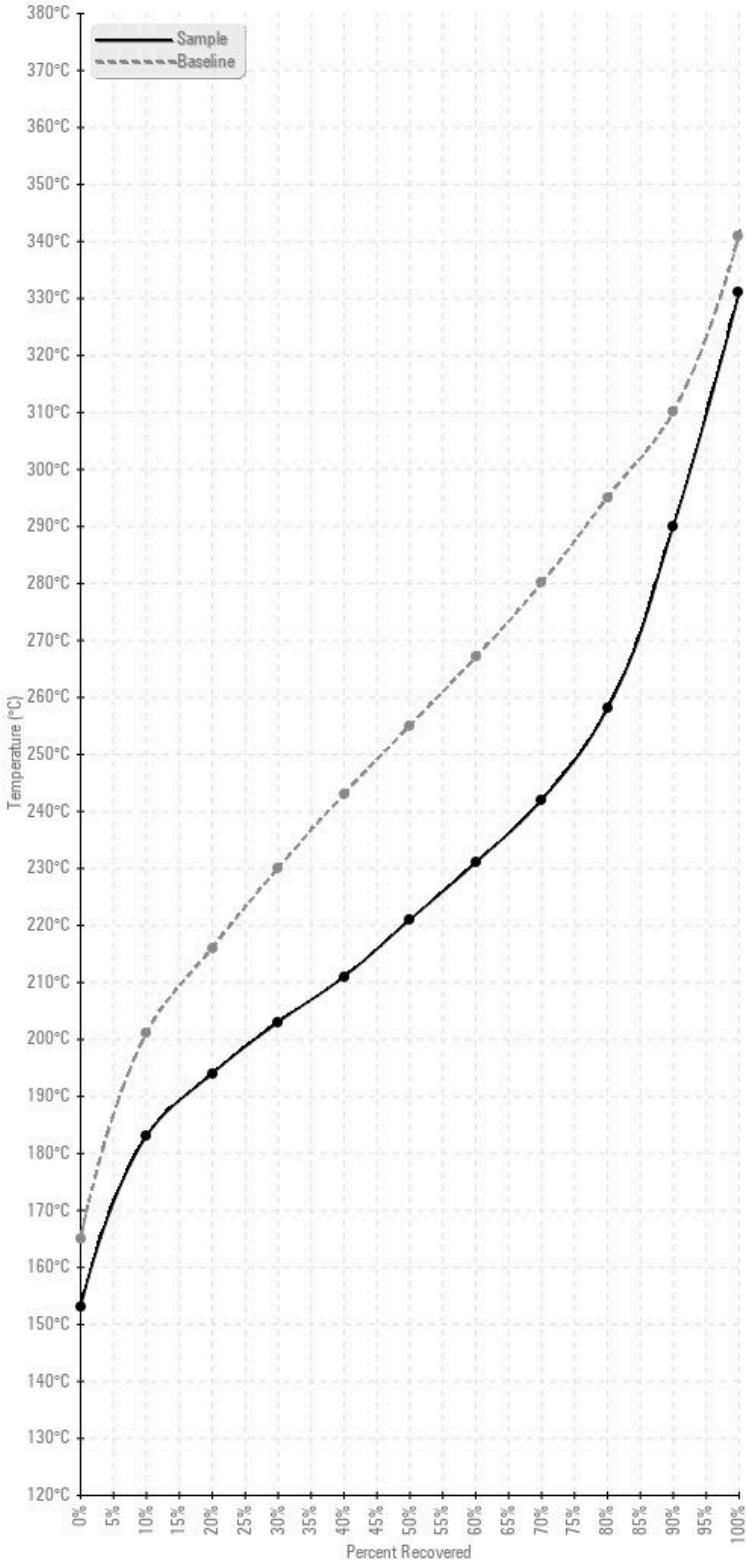
Signed: Doug Bogart

Report Date: 09 Jul 2024

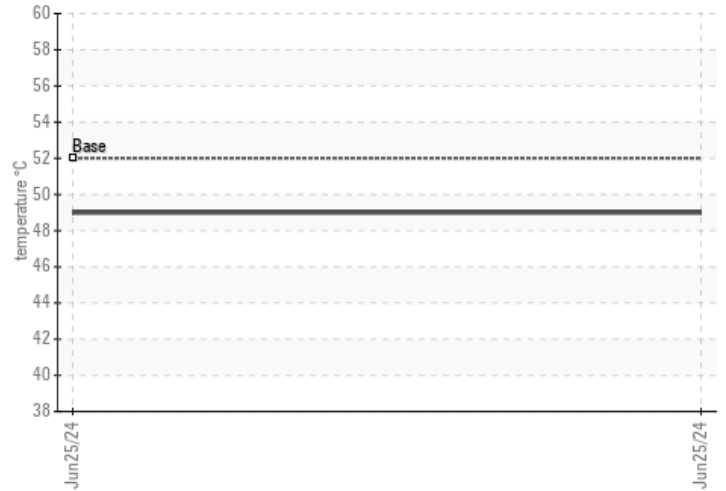
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GRAPHS

Fuel Distillation Curve



Pensky-Martens Flash Point (°C)



GCD Spectrum

