

OIL ANALYSIS REPORT



CHRIS CHRIS (S/N NOT GIVEN) - GENSET

Sample No: VPA055383

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA055383	---	---	---
Sample Date	29 Feb 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

Superior Diesel Inc

63365
 NORTH CHARLESTON, SC
 US 29419-3365
 Contact: Penny Huneycutt
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 T:
 F:

OIL CONDITION

Visc @ 100°C	cSt	█ 13.9	---	---	---
Base Number (BN)	mg KOH/g	7.4	---	---	---
Oxidation (PA)	%	53	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	61	---	---	---
Sulfation (PA)	%	48	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 3	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	█ 7	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 6	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	110	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	2842	---	---	---
Magnesium	ppm	232	---	---	---
Zinc	ppm	1851	---	---	---
Phosphorus	ppm	1502	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	94	---	---	---

Depot: VP220396
 Unique No: 10903916
 Signed: Sean Felton
 Report Date: 04 Mar 2024

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VOLVO PENTA

GRAPHS

