

OIL ANALYSIS REPORT

**VOLVO
PENTA**

FERG EVANS 19175 46741097 - CENTER DIESEL ENGINE

Sample No: VPA021462

Oil Type: CHEVRON DELO 400 LE 15W40

SAMPLE INFORMATION

Sample Number	VPA021462	---	---	---
Sample Date	14 Jul 2023	---	---	---
Machine Hours	1812	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

Sea Power Ltd

2077 Amelia Ave
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CA V8L 3Z8
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OIL CONDITION

Visc @ 100°C	cSt	█ 13.8	---	---	---
Oxidation (PA)	%	49	---	---	---

CONTAMINATION

Soot %	%	█ 0	---	---	---
Nitration (PA)	%	62	---	---	---
Sulfation (PA)	%	50	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 3	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	█ 6	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 1455	---	---	---
Magnesium	ppm	█ 671	---	---	---
Zinc	ppm	█ 823	---	---	---
Phosphorus	ppm	█ 786	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 87	---	---	---

Depot: VP154139
Unique No: 5619822
Signed: Kevin Marson
Report Date: 09 Aug 2023

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GRAPHS

