

OIL ANALYSIS REPORT

VOLVO PENTA

25372 MURRAY MINES VOLVO EC350 314351 - SWING DRIVE

Sample No: VPA06181701

Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102

SAMPLE INFORMATION

Sample Number	VPA06181701	VCP404636	---	---
Sample Date	16 May 2024	30 Jun 2023	---	---
Machine Hours	3037	1914	---	---
Oil Hours	500	1000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

218 - ASCENDUM MACHINERY INC - N. CHARLESTON
7235 CROSS COUNTRY RD.
NORTH CHARLESTON, SC
US 29418
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T:
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OIL CONDITION

Visc @ 40°C	cSt	■ 68.0	169	---	---
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CONTAMINATION

Water	%	■ NEG	NEG	---	---
Silicon	ppm	■ 11	■ 16	---	---
Sodium	ppm	■ 0	■ 2	---	---
Potassium	ppm	■ 2	■ 2	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. 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	■ 207	■ 293	---	---
Copper	ppm	■ 9	■ 6	---	---
Lead	ppm	■ <1	■ 0	---	---
Tin	ppm	■ <1	■ <1	---	---
Aluminum	ppm	■ 2	■ 2	---	---
Chromium	ppm	■ 2	■ 3	---	---
Molybdenum	ppm	■ <1	■ <1	---	---
Nickel	ppm	■ <1	■ <1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	■ 3	■ 4	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	■ 10	■ 7	---	---
Magnesium	ppm	■ 3	■ 0	---	---
Zinc	ppm	■ 64	■ 68	---	---
Phosphorus	ppm	■ 1723	■ 300	---	---
Barium	ppm	■ <1	■ 3	---	---
Boron	ppm	■ 138	■ 0	---	---

Depot: VOLVO3387
Unique No: 11033027
Signed: Sean Felton
Report Date: 20 May 2024

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GRAPHS

