

OIL ANALYSIS REPORT

VOLVO PENTA

MCNEIL TWIN DISC 2375331 - INBOARD - PORT IPS

Sample No: VPA036770
Oil Type: VOLVO SAE 30

SAMPLE INFORMATION

Sample Number	VPA036770	VPA033451	---	---
Sample Date	08 Sep 2023	28 Mar 2022	---	---
Machine Hours	976	677	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 102	█ 98.3	---	---
-------------	-----	-------	--------	-----	-----

CONTAMINATION

Silicon	ppm	█ 11	█ 4	---	---
Sodium	ppm	█ 5	█ 2	---	---
Potassium	ppm	█ <1	█ 0	---	---

WEAR METALS

PQ		█ 44	█ 25	---	---
Iron	ppm	█ 78	█ 43	---	---
Copper	ppm	█ 28	█ 24	---	---
Lead	ppm	█ 7	█ 4	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	█ 8	█ 5	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 95	█ 90	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	█ 0	█ 0	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	<1	█ <1	---	---
Vanadium	ppm	<1	█ 0	---	---

ADDITIVES

Calcium	ppm	█ 2336	█ 2251	---	---
Magnesium	ppm	█ 121	█ 131	---	---
Zinc	ppm	█ 1024	█ 960	---	---
Phosphorus	ppm	█ 932	█ 910	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 11	█ 17	---	---

FULL KEEL MARINE SERVICES
314 LEGION AVE
ANNAPOLIS, MD
US 21401
Contact: Service Manager
FULLKEELMARINESERIVES@GMAIL.COM
T: (410)507-3542
F:

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.

Depot: VP1298996
Unique No: 10646908
Signed: Doug Bogart
Report Date: 19 Sep 2023

OIL ANALYSIS REPORT

**VOLVO
PENTA**

GRAPHS

