

OIL ANALYSIS REPORT

VOLVO PENTA

MCNEIL TWIN DISC 2375330 - INBOARD - STARBOARD GEARBOX

Sample No: VPA060348
Oil Type: VOLVO SAE 30

SAMPLE INFORMATION

Sample Number	VPA060348	VPA033448	---	---
Sample Date	07 Sep 2023	28 Mar 2022	---	---
Machine Hours	980	678	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

OIL CONDITION

Visc @ 40°C	cSt	95.0	91.8	---	---
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CONTAMINATION

Silicon	ppm	7	4	---	---
Sodium	ppm	5	2	---	---
Potassium	ppm	<1	0	---	---

WEAR METALS

PQ		20	21	---	---
Iron	ppm	44	22	---	---
Copper	ppm	17	12	---	---
Lead	ppm	4	2	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	8	4	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	96	91	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	2	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	2365	2275	---	---
Magnesium	ppm	82	87	---	---
Zinc	ppm	1025	972	---	---
Phosphorus	ppm	939	911	---	---
Barium	ppm	0	0	---	---
Boron	ppm	18	16	---	---

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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: 10646907
Signed: Doug Bogart
Report Date: 19 Sep 2023

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GRAPHS

