

OIL ANALYSIS REPORT



DYMENT - SUMMER SALT DYMENT VOLVO PENTA 3940013824 - PORT IPS

Sample No: VPA060100
Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA060100	VPA044142	VPA040343	VPA029424
Sample Date	28 Nov 2023	29 Nov 2022	30 Nov 2021	03 Dec 2019
Machine Hours	860	839	800	638
Oil Hours	21	39	52	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

McMichael Yacht Yard No1 Inc
 700 Rushmore Ave
 MAMARONECK, NY
 US 10543
 Contact: Patti Hornidge
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 F:

OIL CONDITION

Visc @ 40°C	cSt	107	109	108	106
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	7	9	6
Sodium	ppm	8	5	2	1
Potassium	ppm	11	0	0	0

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

PQ		16	10	21	13
Iron	ppm	35	30	35	15
Copper	ppm	4	2	3	1
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	0	<1	0	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	<1	0	<1
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	<1	0	0	<1

ADDITIVES

Calcium	ppm	24	2	5	8
Magnesium	ppm	<1	2	<1	1
Zinc	ppm	23	0	0	12
Phosphorus	ppm	1346	1222	1358	1339
Barium	ppm	0	0	0	0
Boron	ppm	290	251	313	290

Depot: VP153367
Unique No: 10778718
Signed: Don Baldrige
Report Date: 11 Dec 2023

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VOLVO PENTA

GRAPHS

