

OIL ANALYSIS REPORT



MEYER VOLVO PENTA IPS30D 3950003754 - PORT IPS

Sample No: VPA046519
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA046519	VPA051978	VPA046626	VPA040672
Sample Date	13 Feb 2024	13 Sep 2023	27 Jun 2023	01 Mar 2023
Machine Hours	9242	8724	8250	7666
Oil Hours	500	500	584	560
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

VIRGINIA PILOT ASSOCIATION

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 VIRGINIA BEACH, VA
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OIL CONDITION

Visc @ 40°C	cSt	103	104	101	99.8
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CONTAMINATION

Water	%	NEG	▲ 0.277	NEG	NEG
Silicon	ppm	1	3	1	3
Sodium	ppm	0	14	13	15
Potassium	ppm	2	2	1	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

PQ		16	16	21	15
Iron	ppm	42	69	102	101
Copper	ppm	5	9	12	12
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	<1
Aluminum	ppm	2	4	6	6
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	2	<1	<1
Nickel	ppm	0	<1	1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	0	<1	2	2
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	2	37	26	20
Magnesium	ppm	3	8	4	6
Zinc	ppm	5	24	41	36
Phosphorus	ppm	1189	1298	1404	1480
Barium	ppm	0	0	0	0
Boron	ppm	330	297	308	327

Depot: VPVIRVIR
Unique No: 10888724
Signed: Sean Felton
Report Date: 23 Feb 2024

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VOLVO PENTA

GRAPHS

