

OIL ANALYSIS REPORT

VOLVO PENTA

REED KOCH 502043 CATERPILLAR 5T9144 - INBOARD - STARBOARD GEARBOX

Sample No: VPA055773

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA055773	---	---	---
Sample Date	17 Jul 2023	---	---	---
Machine Hours	5489	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

Endor Marine LLC - Coastal Marine - 152124
4300 11th Ave. NW
SEATTLE, WA
US 98107
Contact: WILLOW YANARELLA
service@coastalmarineengine.com
T: (206)784-3703
F: (206)784-8823

OIL CONDITION

Visc @ 40°C	cSt	■ 89.2	---	---	---
-------------	-----	--------	-----	-----	-----

CONTAMINATION

Silicon	ppm	■ 12	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 0	---	---	---

WEAR METALS

PQ		■ 18	---	---	---
Iron	ppm	■ 13	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 59	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 49	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ <1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	■ <1	---	---	---

ADDITIVES

Calcium	ppm	■ 3772	---	---	---
Magnesium	ppm	■ 20	---	---	---
Zinc	ppm	■ 1178	---	---	---
Phosphorus	ppm	■ 1047	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 498	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The wear metal levels do not reflect any damage. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP794951
Unique No: 10564852
Signed: Jonathan Hester
Report Date: 24 Jul 2023

OIL ANALYSIS REPORT

VOLVO PENTA

GRAPHS

