

OIL ANALYSIS REPORT



CHUCK VINSON TWIN DISC 5HU557 - INBOARD - STARBOARD GEARBOX

Sample No: VPA048809
Oil Type: KENDALL SAE 30

SAMPLE INFORMATION

Sample Number	VPA048809	VPA038139	VPA039340	---
Sample Date	08 Sep 2023	05 Nov 2021	20 Aug 2021	---
Machine Hours	0	1007	973	---
Oil Hours	94	20	0	---
Oil Changed	Not Changd	Changed	Not Changd	---
Sample Status	SEVERE	SEVERE	SEVERE	---

ADMIRALTY MARINE
 2775 KURTZ ST, STE 12
 SAN DIEGO, CA
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OIL CONDITION

Visc @ 40°C	cSt	94.7	94.0	87.3	---
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CONTAMINATION

Silicon	ppm	4	7	11	---
Sodium	ppm	2	2	2	---
Potassium	ppm	<1	<1	0	---

WEAR METALS

PQ		26	33	47	---
Iron	ppm	24	28	71	---
Copper	ppm	153	268	816	---
Lead	ppm	165	196	580	---
Tin	ppm	2	0	0	---
Aluminum	ppm	20	31	95	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	5	15	47	---
Nickel	ppm	<1	<1	3	---
Titanium	ppm	1	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	<1	0	---

ADDITIVES

Calcium	ppm	3710	3784	3629	---
Magnesium	ppm	31	37	28	---
Zinc	ppm	1165	1051	964	---
Phosphorus	ppm	1066	1026	1129	---
Barium	ppm	0	0	0	---
Boron	ppm	53	121	339	---

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. (slipping, not engaging).Clutch wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VP151529
Unique No: 10647675
Signed: Don Baldrige
Report Date: 19 Sep 2023

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**VOLVO
PENTA**

GRAPHS

