

OIL ANALYSIS REPORT



SUMNER ROAD 5GA656 - INBOARD - CENTER GEARBOX

Sample No: VPA051064
Oil Type: SHELL ROTELLA T 30

SAMPLE INFORMATION

Sample Number	VPA051064	VPA059677	VPA056964	---
Sample Date	04 Jun 2024	30 Nov 2023	02 Feb 2023	---
Machine Hours	924	922	896	---
Oil Hours	2	27	34	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	SEVERE	NORMAL	---

The Talaria Company
 202 Banks St., One Little Harbor Landing
 OXFORD, MD
 US 21654
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OIL CONDITION

Visc @ 40°C	cSt	89.1	87.1	92.1	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	7	6	4	---
Sodium	ppm	4	2	0	---
Potassium	ppm	2	2	2	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal for OEM. 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		23	20	12	---
Iron	ppm	7	5	5	---
Copper	ppm	112	▲ 249	103	---
Lead	ppm	85	▲ 171	70	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	2	3	1	---
Chromium	ppm	0	<1	0	---
Molybdenum	ppm	117	117	110	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	0	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	2700	2705	2418	---
Magnesium	ppm	27	33	48	---
Zinc	ppm	1184	1189	1028	---
Phosphorus	ppm	1135	1118	964	---
Barium	ppm	<1	0	0	---
Boron	ppm	8	7	0	---

Depot: VP592286
Unique No: 11062644
Signed: Doug Bogart
Report Date: 09 Jun 2024

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GRAPHS

