OIL ANALYSIS REPORT

ZF 20027753 - INBOARD - STARBOARD GEARBOX

Sample No:	VPA048304
Oil Type:	NOT GIVEN

SAMPLE INFORMATIONSample NumberVPA048304Sample Date02 Aug 2023Machine Hours0

Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 40°C	cSt	92.8	 	
CONTAMINATION				
Silicon	ppm	3	 	
Sodium	ppm	2	 	
Potassium	ppm	■ <1	 	
WEAR METALS				
PQ		22	 	
Iron	ppm	12	 	
Copper	ppm	325	 	
Lead	ppm	5	 	
Tin	ppm	0	 	
Aluminum	ppm	■4	 	
Chromium	ppm	0	 	
Molybdenum	ppm	57	 	
Nickel	ppm	 <1	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	<1	 	
Vanadium	ppm	<1	 	
ADDITIVES				
Calcium	ppm	2308	 	
Magnesium	ppm	126	 	
Zinc	ppm	1110	 	
Phosphorus	ppm	961	 	

Diagnosis

No corrective action is recommended at this time. 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.

Depot:	VP153457
Unique No:	10586741
Signed:	Doug Bogart
Report Date:	06 Aug 2023

0

11

ppm

ppm

Barium

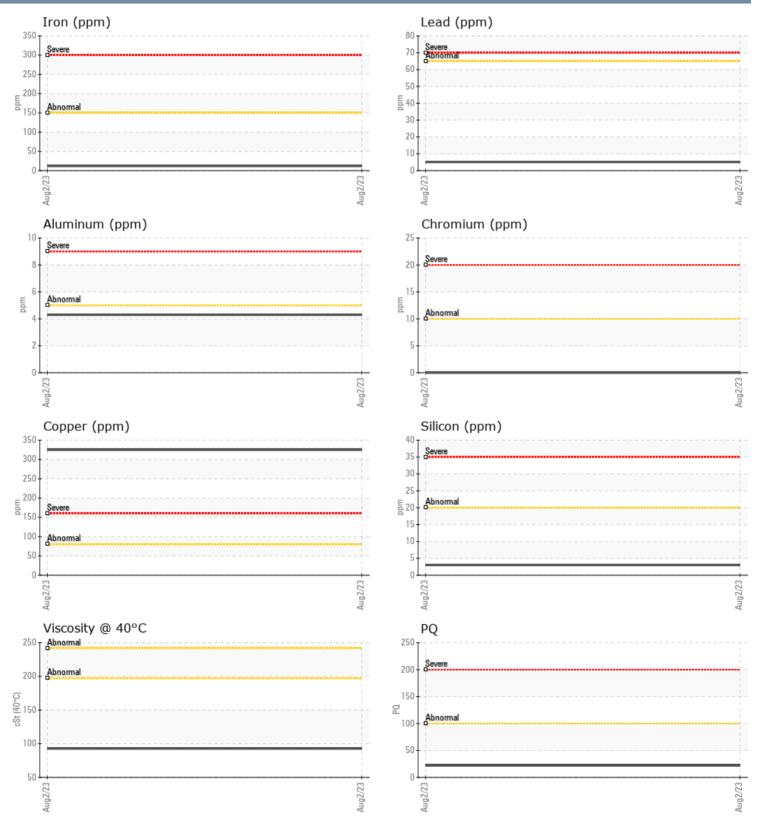
Boron

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GRAPHS



Report Id: VP153457 [WUSCAR] 05914827 (Generated: 08/07/2023 09:31:53) Rev: 1

Contact/Location: Laura Clarkin - VP153457