OIL ANALYSIS REPORT

ZF 20206755 - INBOARD - STARBOARD GEARBOX

Sample No:	VPA045485
Oil Type:	NOT GIVEN

SAMPLE INFORMATION

Sample Number		VPA045485	 	
Sample Date		20 Jul 2023	 	
Machine Hours		770	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 40°C	cSt	95.8	 	
CONTAMINATION				
Silicon	ppm	4	 	
Sodium	ppm	□ →	 	
Potassium	ppm	0	 	
rotassiam	ppiii			
WEAR METALS				
PQ		□ 14	 	
Iron	ppm	13	 	
Copper	ppm	110	 	
Lead	ppm	 <1	 	
Tin	ppm	6	 	
Aluminum	ppm	2	 	
Chromium	ppm	□ <1	 	
Molybdenum	ppm	69	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	2175	 	
Magnesium	ppm	351	 	
Zinc	ppm	1000	 	
Phosphorus	ppm	853	 	
Barium	ppm	0	 	
Boron	ppm	333	 	

VOLVO PENTA

Marine International Diesels Inc. 3600 HACIENDA BLVD UNIT G DAVIE, FL US 33314 Contact: ASHANTI BURKE aburke@midiflorida.com T: (954)761-1086 F: (954)761-1186

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.

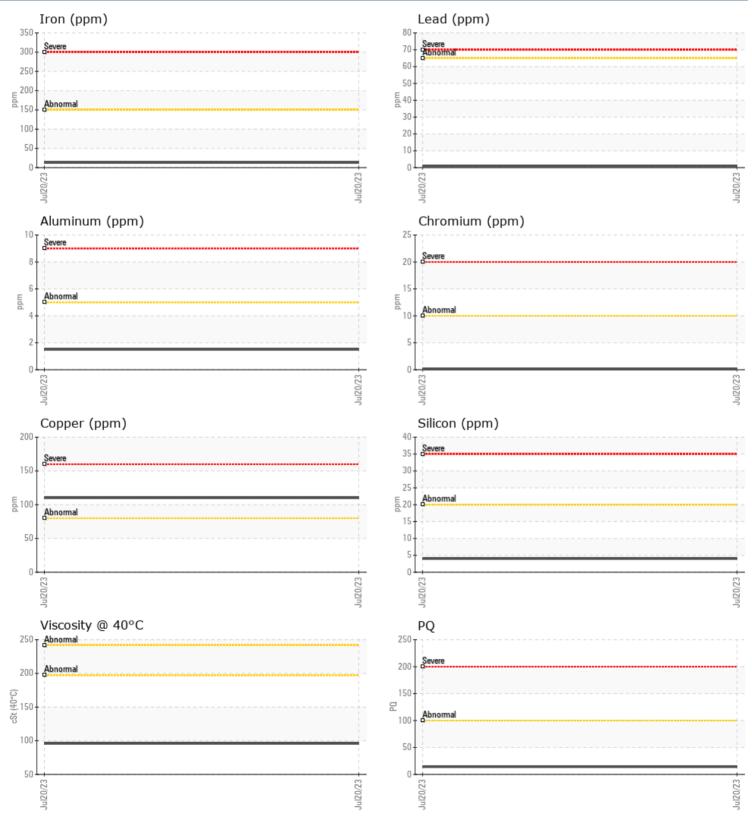
Depot:	VP694356
Unique No:	10576969
Signed:	Doug Bogart
Report Date:	31 Jul 2023

Contact/Location: ASHANTI BURKE - VP694356

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP694356 [WUSCAR] 05910317 (Generated: 07/31/2023 21:37:32) Rev: 1

Contact/Location: ASHANTI BURKE - VP694356