## **OIL ANALYSIS REPORT**

#### 11125 ZF 20043073 - ZF TRANS - STARBOARD GEARBOX

 Sample No:
 VPA055417

 Oil Type:
 SAE 30W

### SAMPLE INFORMATION

Sample Number		VPA055417			
Sample Date		01 Aug 2023			
Machine Hours		840			
Oil Hours		0			
Oil Changed		Not Changd			
Sample Status		NORMAL			
OIL CONDITION					
Visc @ 40°C	cSt	85.3			
CONTAMINATION					
Silicon	ppm	5			
Sodium	ppm	<b>84</b>			
Potassium	ppm	<b>  </b> <1			
WEAR METALS					
PQ		21			
Iron	ppm	35			
Copper	ppm	147			
Lead	ppm	<b>18</b>			
Tin	ppm	■ <1			
Aluminum	ppm	<b>1</b> 0			
Chromium	ppm	<b>□</b> <1			
Molybdenum	ppm	3			
Nickel	ppm	<b>  </b> <1			
Titanium	ppm	0			
Silver	ppm	1			
Manganese	ppm	■<1			
Vanadium	ppm	0			
ADDITIVES					
Calcium	ppm	517			
Magnesium	ppm	<b>1145</b>			
Zinc	ppm	1255			
Phosphorus	ppm	<b>1134</b>			
Barium	ppm	0			
Boron	ppm	<b>4</b>			



**BAY MARINE** 

3 E MADISON ST WAUKEGAN, IL US 60085 Contact: CHRISTIAN SAVOY ccsavoy@baymarine.net T: (847)336-2628 F:

#### Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

 Depot:
 VP1174336

 Unique No:
 10588281

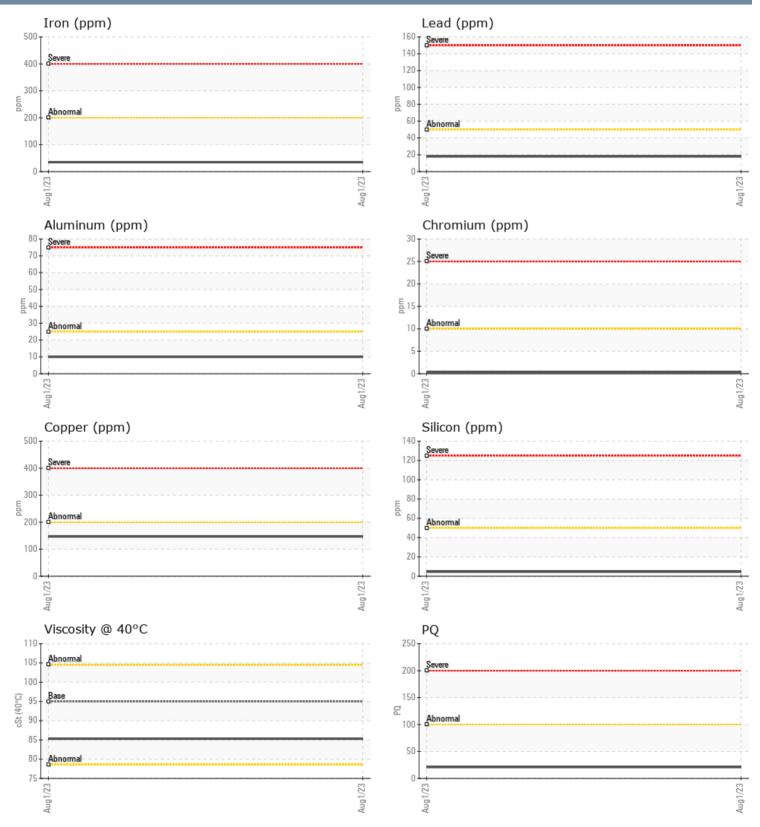
 Signed:
 Don Baldridge

 Report Date:
 07 Aug 2023

# **OIL ANALYSIS REPORT**



#### GRAPHS



Contact/Location: CHRISTIAN SAVOY - VP1174336