OIL ANALYSIS REPORT

ZF 20137465 - INBOARD - PORT GEARBOX

Sample No: VPA059247 **Oil Type:** SHELL ROTELLA T 30

SAMPLE INFORMATION					
Sample Number		VPA059247			
Sample Date		16 Nov 2023			
Machine Hours		4763			
Oil Hours		0			
Oil Changed		Not Changd			
Sample Status		NORMAL			
OIL CONDITION					
Visc @ 40°C	cSt	95.43			
CONTAMINATION					
Silicon	ppm	2			
Sodium	ppm	2			
Potassium	ppm	0			
WEAR METALS					
PQ		3			
Iron	ppm	1			
Copper	ppm	24			
Lead	ppm	0			
Tin	ppm	■ <1			
Aluminum	ppm	1			
Chromium	ppm	0			
Molybdenum	ppm	99			
Nickel	ppm	0			
Titanium	ppm	0			
Silver	ppm	0			
Manganese	ppm				
Vanadium	ppm	0			
ADDITIVES					
Calcium	ppm	2559			
Magnesium	ppm	19			
Zinc	ppm	1117			
Phosphorus	ppm	1012			
Barium	ppm	0			
Boron	ppm	8			

SMART DIESEL SERVICE

102 NW 133RD AVE, UNIT 103 PLANTATION, FL US 33325 Contact: ANDRES GARMENDIA smartdieselservice@gmail.com T: (954)258-8100 F:

Diagnosis

No corrective action is recommended at this time. 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: VPSMAPLA Unique No: 10750356 Signed: Doug Bogart Report Date: 17 Nov 2023

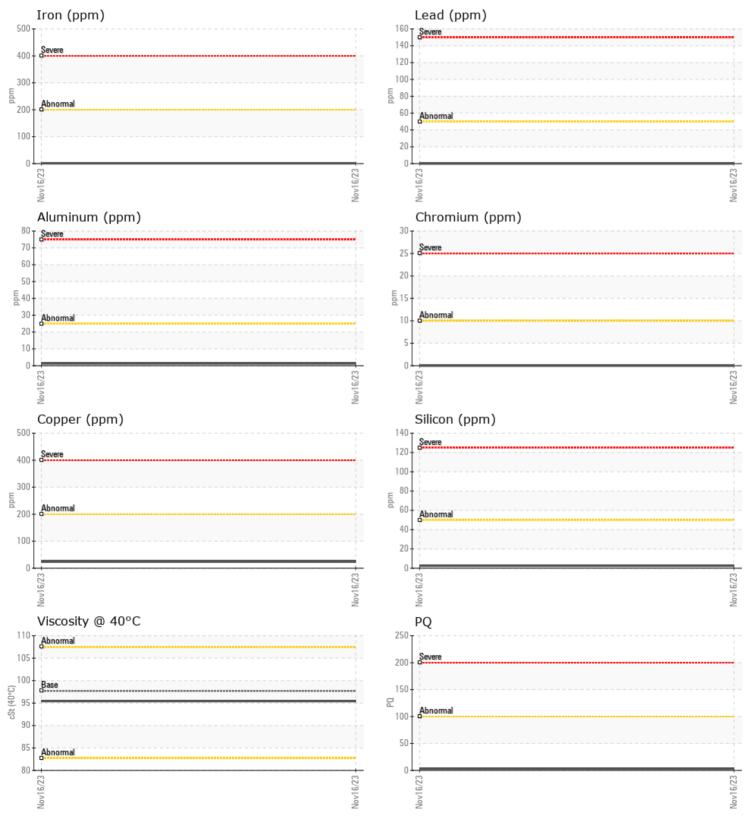
Contact/Location: ANDRES GARMENDIA - VPSMAPLA



OIL ANALYSIS REPORT



GRAPHS



Report Id: VPSMAPLA [WUSCAR] 06011212 (Generated: 11/17/2023 17:04:55) Rev: 1

Contact/Location: ANDRES GARMENDIA - VPSMAPLA