## **OIL ANALYSIS REPORT**

## GORDON SPENCER DANIEL/503083 NORTHERN LIGHTS 6732-57636 - GENSET

Sample No: VPA061946

**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

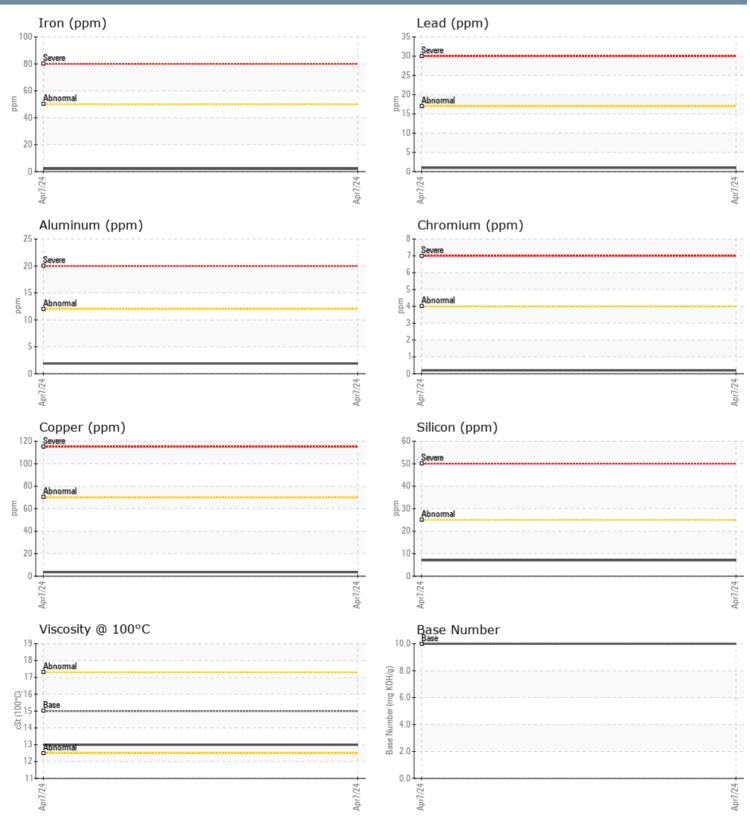
	TION					
Sample Number		VPA061946				Endor Marine LLC - Coastal Marine - 15212
Sample Date		07 Apr 2024				4300 11th Ave. NW
Machine Hours		27				SEATTLE, WA
Oil Hours		0				US 98107
Oil Changed		Not Changd				Contact: WILLOW YANARELLA
Sample Status		NORMAL				service@coastalmarineengine.com
OIL CONDITION						T: (206)784-3703
						F: (206)784-8823
Visc @ 100°C	cSt	<b>13.0</b>				
Base Number (BN)		<b>10.0</b>				Diagnosis
Oxidation (PA)	%	51				-
CONTAMINATION						Resample at the next service interval to monitor.All component wear rates
CONTAMINATION						are normal. There is no indication of
Water	%	NEG				any contamination in the oil. The BN
Soot %	%	<b>0.1</b>				result indicates that there is suitable
Nitration (PA)	%	40				alkalinity remaining in the oil. The
Sulfation (PA)	%	47				condition of the oil is suitable for
Glycol	%	NEG				further service.
Fuel	%	<1.0				
Silicon	ppm	7				
Sodium	ppm	2				
Potassium	ppm	29				
WEAR METALS						
Iron	ppm	2				
Copper	ppm	<b>4</b>				
Lead	ppm	<b>1</b>				
Tin	ppm	<b>■</b> <1				
Aluminum	ppm	2				
Chromium	ppm	<b>■</b> <1				
Molybdenum	ppm	68				
Nickel	ppm	<b>■</b> <1				
Titanium	ppm	<1				
Silver	ppm					
Manganese	ppm	<b>■</b> <1				
Vanadium	ppm	<1				
ADDITIVES						
Calcium	ppm	<b>1232</b>				
Magnesium	ppm	 725				
Zinc	ppm	<b>1018</b>				
	ppm	884				
Phosphorus						
		0				
Phosphorus	ppm	0 32				<b>Depot:</b> VP794951



## **OIL ANALYSIS REPORT**



## GRAPHS



Report Id: VP794951 [WUSCAR] 06180896 (Generated: 05/24/2024 15:15:43) Rev: 1

Contact/Location: WILLOW YANARELLA - VP794951