OIL ANALYSIS REPORT



VOLVO PENTA A227162 - PORT DIESEL ENGINE

Sample No: VPA059474

Oil Type: DIESEL ENGINE OIL SAE 15W40

Sample Number		VPA059474	 	
Sample Date		24 Jan 2024	 	
Machine Hours		528	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	14.00	 	
Base Number (BN)	mg KOH/g	8.6	 	
Oxidation (PA)	%	53	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	41	 	
Sulfation (PA)	%	48	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	4	 	
Sodium	ppm	3	 	
Potassium	ppm	0	 	
WEAR METALS				
Iron	ppm	37	 	
Copper	ppm	7	 	
Lead	ppm	3	 	
Tin	ppm	 <1	 	
Aluminum	ppm	12	 	
Chromium	ppm	2	 	
Molybdenum	ppm	54	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	■ <1	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	947	 	
Magnesium	ppm	916	 	
Zinc	ppm	1159	 	
Phosphorus	ppm	999	 	
Barium	ppm	■ <1	 	
Boron	ppm	1	 	

SUNCOAST DIESEL MARINE

6341 PORTER ROAD, SUITE 6 SARASOTA, FL US 34240 Contact: SERVICE MANAGER info@suncoastdmi.com T: (941)342-0033 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:
 VP705283

 Unique No:
 10847558

 Signed:
 Doug Bogart

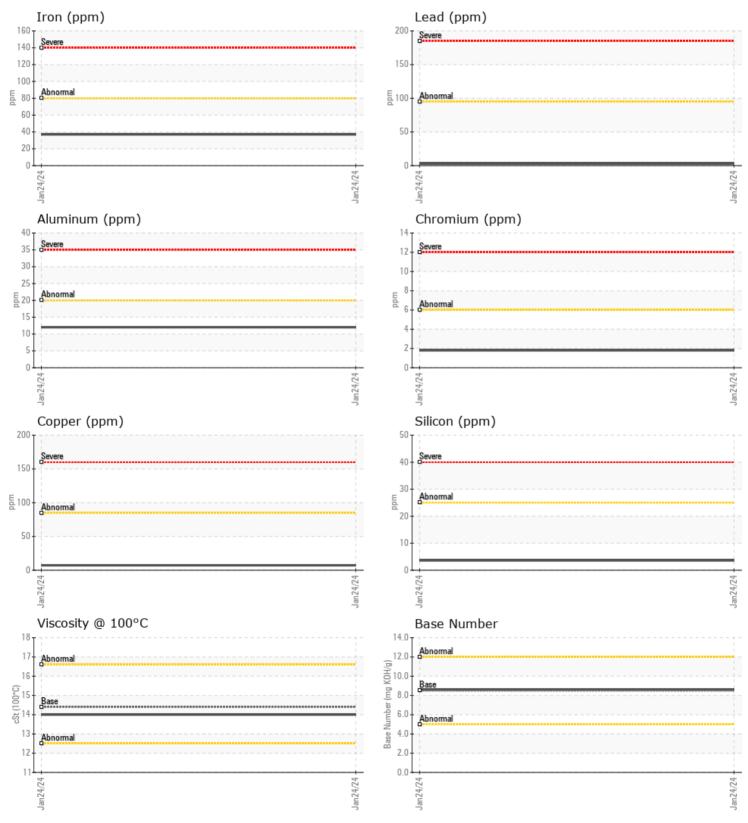
 Report Date:
 25 Jan 2024

Contact/Location: SERVICE MANAGER - VP705283

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP705283 [WUSCAR] 06070881 (Generated: 01/25/2024 16:36:06) Rev: 1

Contact/Location: SERVICE MANAGER - VP705283