OIL ANALYSIS REPORT

VOLVO PENTA

KURT LENTSCH WESTERBEKE 41802 - GENSET

Sample No: VPA059807

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

Sample Number		VPA059807	 	
Sample Date		24 Oct 2023	 	
Machine Hours		0	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	14.4	 	
Base Number (BN)	mg KOH/g	7.7	 	
Oxidation (PA)	%	71	 	
CONTAMINATION				
	0(-01		
Soot %	%	0.1 60	 	
Nitration (PA)	%	59	 	
Sulfation (PA)	%	NEG		
Glycol			 	
Fuel	%	<1.0	 	
Silicon	ppm	10	 	
Sodium	ppm	4	 	
Potassium	ppm	5	 	
WEAR METALS				
Iron	ppm	5	 	
Copper	ppm	 <1	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	1	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	0	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	■<1	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	nnm	2237	 	
	ppm			
Magnesium	ppm	■ 17 ■ 1220	 	
Zinc	ppm	1220	 	
Phosphorus	ppm	870	 	
Barium	ppm	0	 	
Boron	ppm	172	 	

BAY MARINE

3 E MADISON ST WAUKEGAN, IL US 60085 Contact: BRENDAN COWHEY brendan@baymarine.net T: (847)336-2628 E-

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

 Depot:
 VP1174336

 Unique No:
 10711565

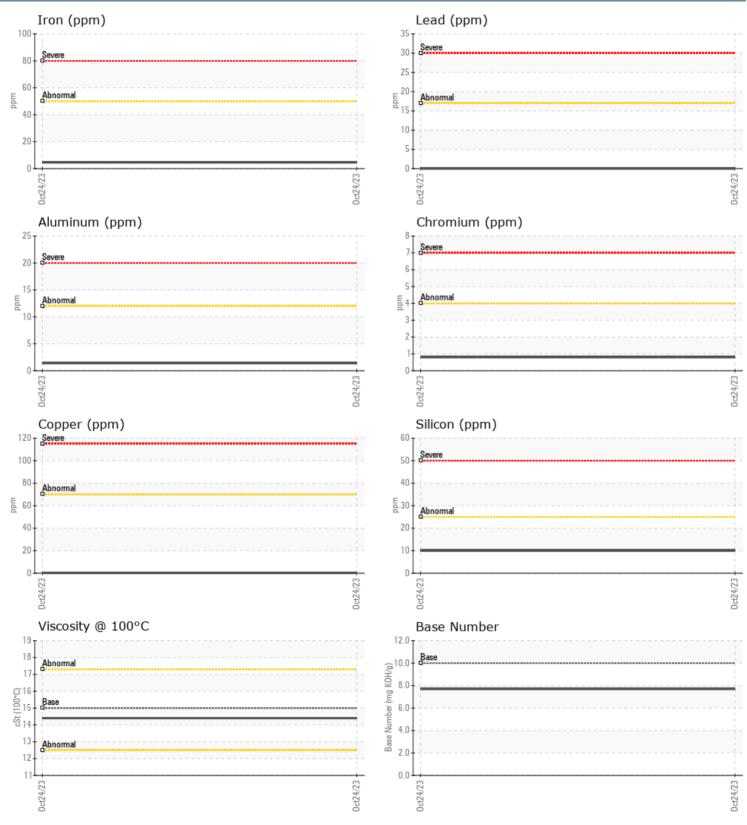
 Signed:
 Sean Felton

 Report Date:
 27 Oct 2023

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP1174336 [WUSCAR] 05988903 (Generated: 10/27/2023 10:39:14) Rev: 1

Contact/Location: BRENDAN COWHEY - VP1174336