OIL ANALYSIS REPORT

JOHN MCCOLLOCH VOLVO PENTA A 117849 - STARBOARD DIESEL ENGINE

Sample No:VPA055388Oil Type:NOT GIVEN

SAMPLE INFORMATION								
Sample Number		VPA055388						
Sample Date		18 Oct 2023						
Machine Hours		795						
Oil Hours		0						
Oil Changed		Not Changd						
Sample Status		NORMAL						
OIL CONDITION								
Visc @ 100°C	cSt	13.6						
Base Number (BN)	mg KOH/g	9.6						
Oxidation (PA)	%	59						
CONTAMINATION								
Soot %	%	0.4						
Nitration (PA)	%	58						
Sulfation (PA)	%	54						
Glycol	%	NEG						
Fuel	%	<1.0						
Silicon	ppm	14						
Sodium	ppm	1						
Potassium	ppm	6						
WEAR METALS								
Iron	ppm	127						
Copper	ppm	1 4						
Lead	ppm	 <1						
Tin	ppm	 <1						
Aluminum	ppm	18						
Chromium	ppm	12						
Molybdenum	ppm	34						
Nickel	ppm	3						
Titanium	ppm	■<1						
Silver	ppm							
Manganese	ppm	1						
Vanadium	ppm	<1						
ADDITIVES								

Calcium	ppm	683	 	
Magnesium	ppm	591	 	
Zinc	ppm	864	 	
Phosphorus	ppm	693	 	
Barium	ppm	0	 	
Boron	ppm	8	 	

WESTERN BRANCH DIESEL

6881 BULLDOG DR N CHARLESTON, SC US 29406 Contact: MICHAEL JORDAN mdjordan@wbdiesel.com T: 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 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:
 VP1165983

 Unique No:
 10710520

 Signed:
 Angela Borella

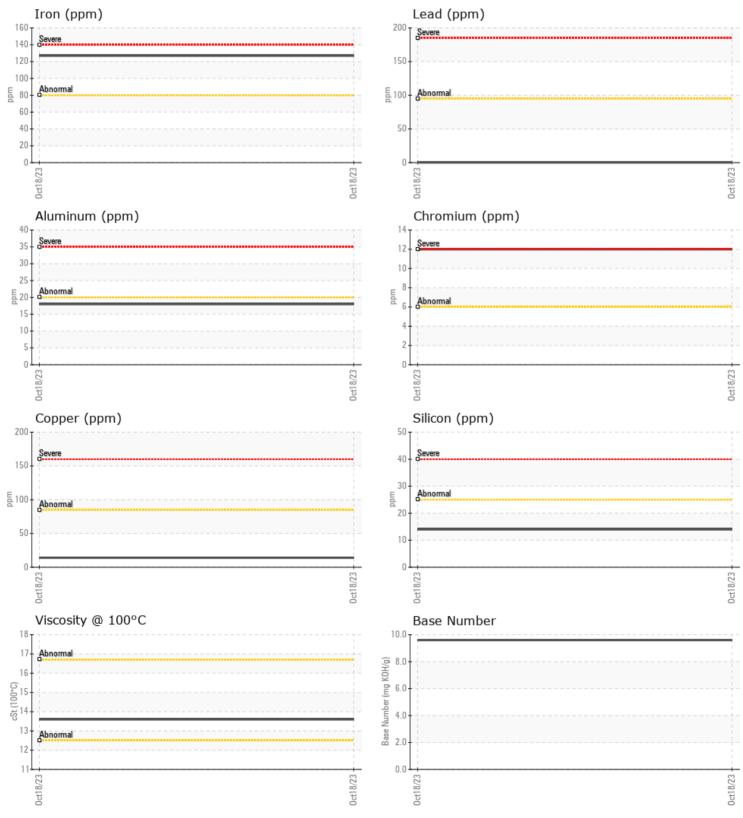
 Report Date:
 27 Oct 2023



OIL ANALYSIS REPORT



GRAPHS



Report Id: VP1165983 [WUSCAR] 05987858 (Generated: 10/27/2023 14:14:08) Rev: 1

Contact/Location: MICHAEL JORDAN - VP1165983