OIL ANALYSIS REPORT

JAMES FLYNN 17601 CUMMINS 73515453 - PORT DIESEL ENGINE

Sample No: VPA036510

VALVOLINE 15W40

Oil Type:

SAMPLE INFORMATION

Sample Number		VPA036510			
Sample Date		09 Feb 2024			
Machine Hours		852			
Oil Hours		72			
Oil Changed					
-		Changed NORMAL			
Sample Status		NORMAL			
OIL CONDITION					
Visc @ 100°C	cSt	13.9			
Base Number (BN)	mg KOH/g	8.6			
Oxidation (PA)	%	78			
CONTAMINATION					
Water	%	NEG			
Soot %	%	0.5			
Nitration (PA)	%	85			
Sulfation (PA)	%	60			
Glycol	%	NEG			
Fuel	%	<1.0			
Silicon	ppm	13			
Sodium	ppm	5			
Potassium	ppm	2			
WEAR METALS					
Iron	ppm	23			
Copper	ppm	172			
Lead	ppm	0			
Tin	ppm				
Aluminum	ppm	3			
Chromium	ppm	□ <1			
Molybdenum	ppm	72			
Nickel	ppm	3			
Titanium	ppm	□ <1			
Silver	ppm				
Manganese	ppm	0			
Vanadium	ppm	<1			
ADDITIVES					
Calcium	ppm	1466			
Magnesium	ppm	1037			
Zinc	ppm	1148			
Phosphorus	ppm	877			
Barium	ppm	1 1			
Boron	ppm	39			



Bayview Yachtcrafters Inc 31785 S. River Road HARRISON TOWNSHIP, MI US 48045 Contact: Shawn Robertson bayviewyachtcrafters@comcast.net T: F:

Diagnosis

Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. 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 suitable for further service.

 Depot:
 VP151756

 Unique No:
 10882780

 Signed:
 Sean Felton

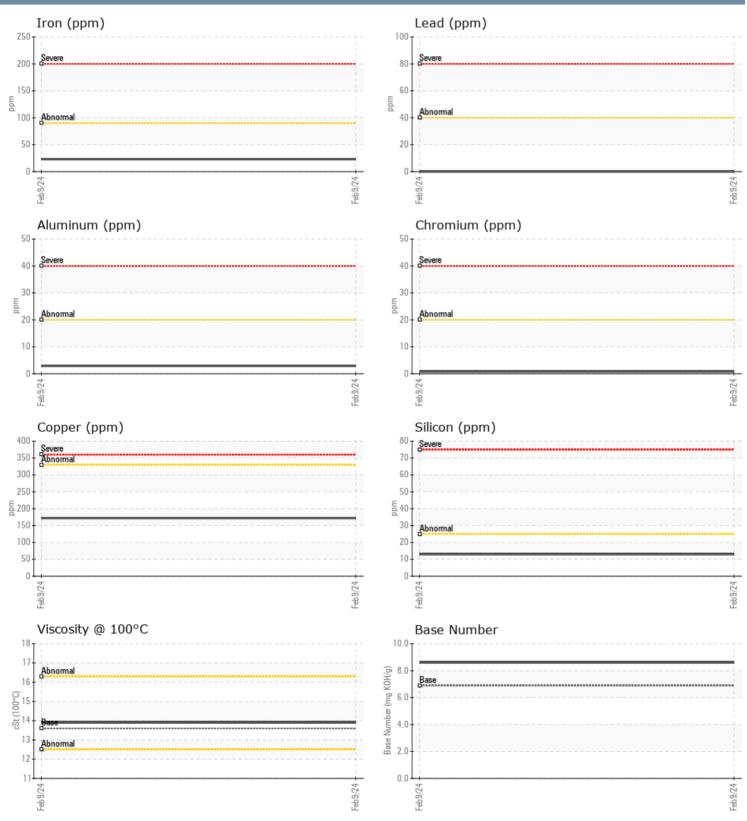
 Report Date:
 16 Feb 2024

Contact/Location: Shawn Robertson - VP151756

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP151756 [WUSCAR] 06089927 (Generated: 02/16/2024 15:14:20) Rev: 1

Contact/Location: Shawn Robertson - VP151756