OIL ANALYSIS REPORT

HILARY BURT ALAN VOLVO PENTA 200301577 - STARBOARD DIESEL ENGINE

Sample No: VPA06148342

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION

JAMPLE INFURMA				
Sample Number		VPA06148342	 	
Sample Date		12 Apr 2024	 	
Machine Hours		1036	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		ATTENTION	 	
OIL CONDITION				
Visc @ 100°C	cSt	■14.2	 	
Base Number (BN)	mg KOH/g	9.1	 	
Oxidation (PA)	%	66	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.2	 	
Nitration (PA)	%	62	 	
Sulfation (PA)	%	55	 	
Glycol	%	0.0	 	
Fuel	%	<1.0	 	
Silicon	ppm	10	 	
Sodium	ppm	12	 	
Potassium	ppm	22	 	
WEAR METALS		_		
Iron	ppm	96	 	
Copper	ppm	21	 	
Lead	ppm	 <1	 	
Tin	ppm	 <1	 	
Aluminum	ppm	11	 	
Chromium	ppm	- 7	 	
Molybdenum	ppm	39	 	
Nickel	ppm	2	 	
Titanium	ppm	 <1	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	<1	 	
ADDITIVES				
Calcium	ppm	1802	 	
Magnesium	ppm	400	 	
Zinc	ppm	1227	 	
Phosphorus	ppm	1046	 	
Barium	ppm	0	 	
-				

VOLVO PENTA

Precision Marine Center Llc 290 Drake Ave NEW ROCHELLE, NY US 10805 Contact: Marc Castellano marc@precisionmarinecenter.com T:

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.Ring and cylinder wear is indicated. 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:
 VP850387

 Unique No:
 10978420

 Signed:
 Jonathan Hester

 Report Date:
 17 Apr 2024

51

ppm

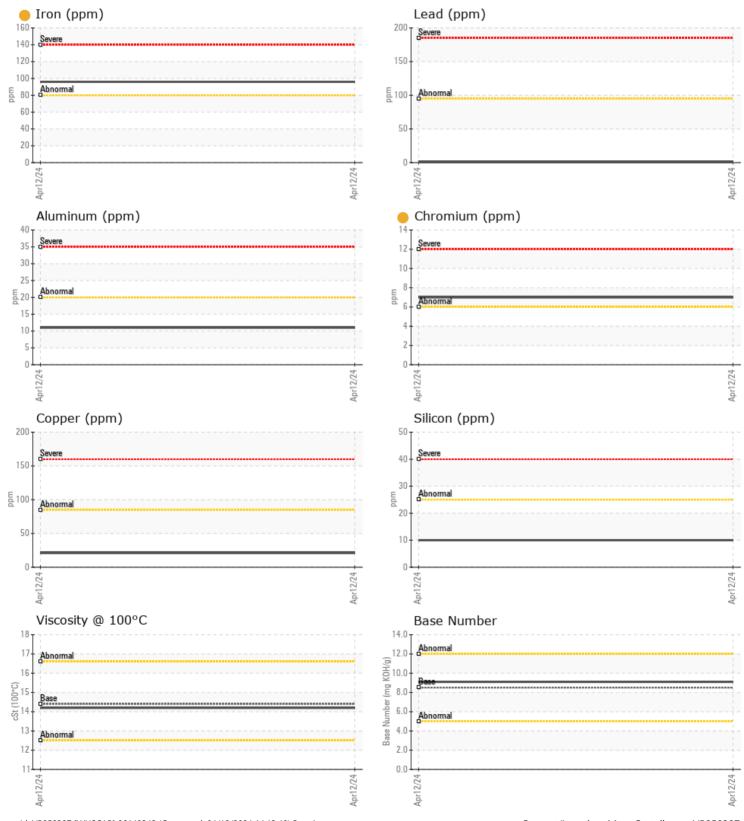
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Contact/Location: Marc Castellano - VP850387

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP850387 [WUSCAR] 06148342 (Generated: 04/18/2024 14:13:40) Rev: 1

Contact/Location: Marc Castellano - VP850387