OIL ANALYSIS REPORT

STEVE MARSHALL NICK VOLVO PENTA A217793 - CENTER DIESEL ENGINE

Sample No: VPA060920

Oil Type: SHELL ROTELLA T 15W40

SAMPLE INFORMATION

SAMPLE INFORMA	TION			
Sample Number		VPA060920	 	
Sample Date		15 Dec 2023	 	
Machine Hours		612	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
	<u>.</u>			
Visc @ 100°C	cSt	14.3	 	
Base Number (BN)	mg KOH/g	8.7	 	
Oxidation (PA)	%	64	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	46	 	
Sulfation (PA)	%	55	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	4	 	
Sodium	ppm	1	 	
Potassium	ppm	8	 	
WEAR METALS				
Iron	ppm	1 4	 	
Copper	ppm		 	
Lead	ppm	0	 	
Tin	ppm	 <1	 	
Aluminum	ppm	1	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	0	 	
Nickel	ppm	□ <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	 <1	 	
Vanadium	ppm	<1	 	
ADDITIVES				
Calcium	ppm	2091	 	
Magnesium	ppm	1 8	 	
Zinc	ppm	1169	 	
Phosphorus	ppm	1011	 	

VOLVO PENTA

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

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:
 VP850387

 Unique No:
 10794149

 Signed:
 Sean Felton

 Report Date:
 20 Dec 2023

ppm

ppm

Barium

Boron

0 🔲

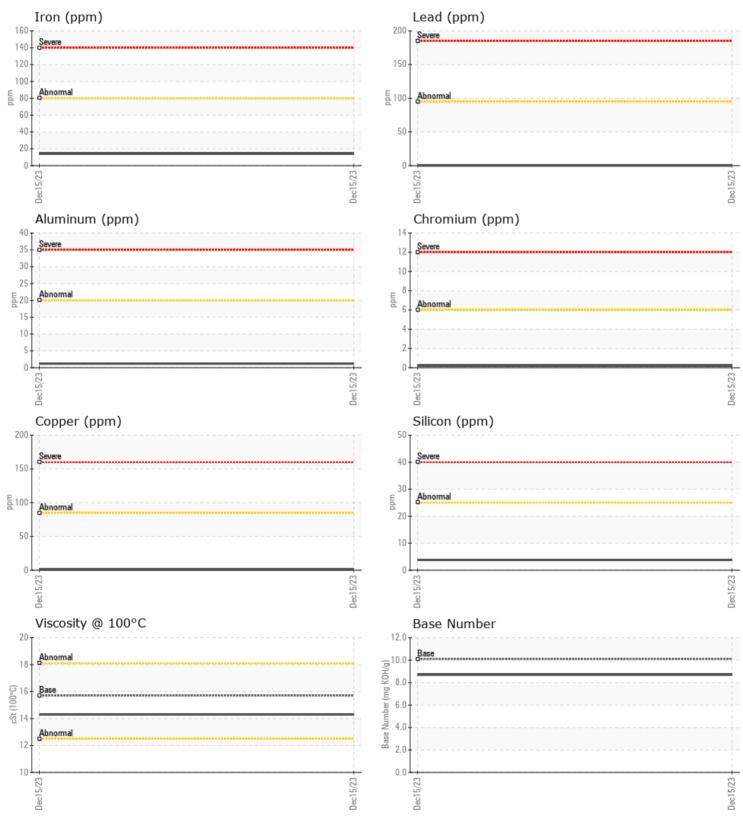
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Contact/Location: Marc Castellano - VP850387

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP850387 [WUSCAR] 06038920 (Generated: 12/28/2023 09:05:38) Rev: 1

Contact/Location: Marc Castellano - VP850387