OIL ANALYSIS REPORT

JAY BURDETTE VOLVO PENTA 3940015983 - PORT IPS

Sample No: VPA058307

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMA	TION			
Sample Number		VPA058307	VPA048028	
Sample Date		27 Mar 2024	14 Nov 2022	
Machine Hours		568	488	
Oil Hours		80	0	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	ABNORMAL	
OIL CONDITION				
Visc @ 40°C	cSt	108	109	
CONTAMINATION				
Water	%	NEG	0.251	
Silicon	ppm	11	11	
Sodium	ppm	3	6	
Potassium	ppm	0	0	
WEAR METALS				
PQ		17	12	
Iron	ppm	45	32	
Copper	ppm	4	4	
Lead	ppm	0	0	
Tin	ppm	<1	0	
Aluminum	ppm	<1	<1	
Chromium	ppm	0	 <1	
Molybdenum	ppm	0	1	
Nickel	ppm	■ <1	 <1	
Titanium	ppm	0	0	
Silver	ppm	0	0	
Manganese	ppm	2	 <1	
Vanadium	ppm	0	0	
ADDITIVES				
Calcium	ppm	0	5	
Magnesium	ppm	0	2	
Zinc	ppm	3	0	
Phosphorus	ppm	1480	1248	
Barium	ppm	0	0	
Boron	ppm	325	291	

PENTA

North Harbor Diesel Inc 720 30Th Street ANACORTES, WA US 98221 Contact: ED MCFARLIN ed@northharbordiesel.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 condition of the oil is acceptable for the time in service.

 Depot:
 VP179089

 Unique No:
 10957174

 Signed:
 Sean Felton

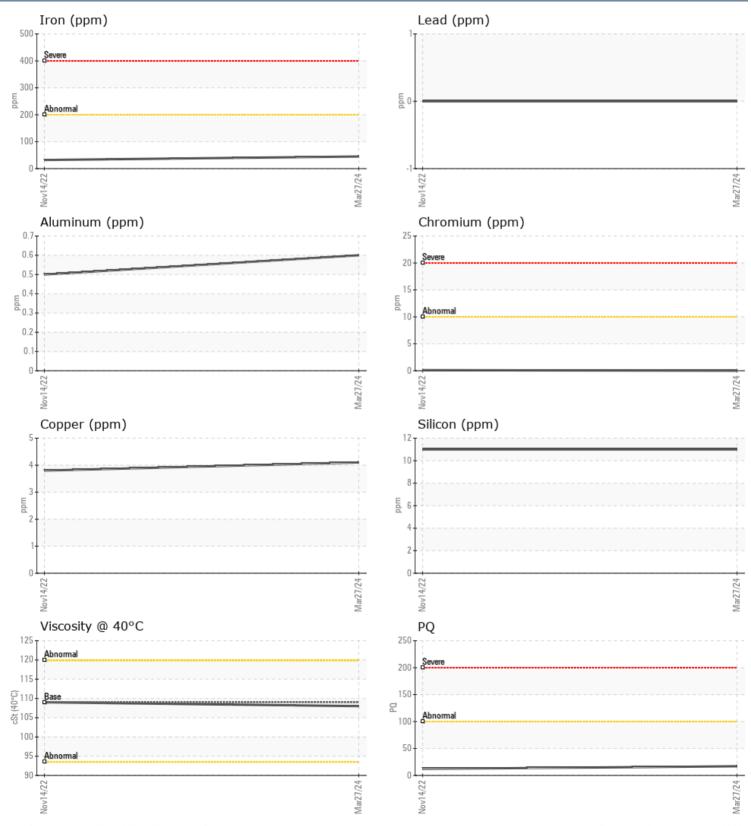
 Report Date:
 05 Apr 2024

 Contact/Location: ED MCFARLIN - VP179089

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GRAPHS



Report Id: VP179089 [WUSCAR] 06137709 (Generated: 04/05/2024 14:21:45) Rev: 1

Contact/Location: ED MCFARLIN - VP179089