OIL ANALYSIS REPORT

VOLVO PENTA 3100005188 - STERNDRIVE - PORT GEARBOX

Sample No: VPA058187

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORM	ATION			
Sample Number		VPA058187	VPA051862	
Sample Date		25 Jan 2024	17 Oct 2023	
Machine Hours		435	274	
Oil Hours		160	274	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	NORMAL	
OIL CONDITION				
Visc @ 40°C	cSt	101	90.8	
CONTAMINATION				
Water	%	NEG	NEG	
Silicon	ppm	1	5	
Sodium	ppm	8	5	
Potassium	ppm	6	□11	
WEAR METALS				
PQ		23	16	
Iron	ppm	73	78	
Copper	ppm	1	1	
Lead	ppm	 <1	0	
Tin	ppm	■ <1	< 1	
Aluminum	ppm	1	1	
Chromium	ppm	1	< 1	
Molybdenum	ppm	 <1	0	
Nickel	ppm	1	< 1	
Titanium	ppm	<1	0	
Silver	ppm	0	0	
Manganese	ppm	4	7	
Vanadium	ppm	0	0	
ADDITIVES				
Calcium	ppm	35	13	
Magnesium	ppm	79	930	
Zinc	ppm	0	0	
Phosphorus	ppm	1499	1616	
Barium	ppm	0	0	
Boron	ppm	309	526	

VOLVO PENTA

North Harbor Diesel Inc 720 30Th Street ANACORTES, WA JS 98221 Contact: ROBBIN MURDOCK robbin@northharbordiesel.com I: (360)299-1904

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:
 10862301

 Signed:
 Don Baldridge

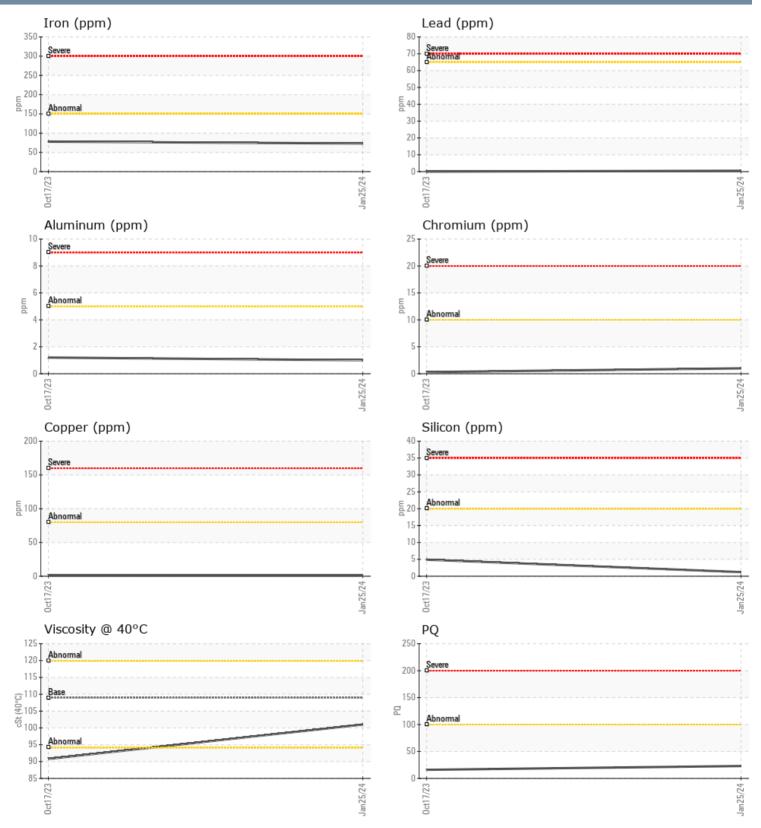
 Report Date:
 07 Feb 2024

Contact/Location: ROBBIN MURDOCK - VP179089

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GRAPHS



Report Id: VP179089 [WUSCAR] 06080210 (Generated: 02/07/2024 17:27:43) Rev: 1

Contact/Location: ROBBIN MURDOCK - VP179089