OIL ANALYSIS REPORT

VOLVO PENTA 3102284493 - STERNDRIVE - PORT GEARBOX

Sample No: VPA058185

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORM	ATION					
Sample Number		VPA058185				North Harbor Diesel Inc
Sample Date		02 Feb 2024				720 30Th Street
Machine Hours		305				ANACORTES, WA
Oil Hours		0				US 98221
Oil Changed		Changed				Contact: ROBBIN MURDOCK
Sample Status		ATTENTION				robbin@northharbordiesel.com
OIL CONDITION						T: (360)299-1904 F:
Visc @ 40°C	cSt	180				г.
CONTAMINATION	l					Diagnosis
Water	%	The oil change at the time of				
Silicon	ppm	NEG				sampling has been noted. No
Sodium		6				corrective action is recommended at
Potassium	ppm					this time. Resample at the next
Potassium	ppm	2				service interval to monitor.Gear wear is indicated. There is no indication of
WEAR METALS						any contamination in the oil. Confirm
PQ		12				oil type. The condition of the oil is acceptable for the time in service.
Iron	ppm	211				
Copper	ppm	2				
Lead	ppm	 <1				
Tin	ppm	■ <1				
Aluminum	ppm	6				
Chromium	ppm	2				
Molybdenum	ppm	3				
Nickel	ppm	4				
Titanium	ppm	<1				
Silver	ppm	<1				
Manganese	ppm	3				
Vanadium	ppm	<1				
ADDITIVES						
Calcium	ppm	7				_
Magnesium	ppm	8				
Zinc	ppm	52				
Phosphorus	ppm	1226				
Barium	ppm	0				
Boron	ppm	22				
20.011	PPIII					

 Depot:
 VP179089

 Unique No:
 10883365

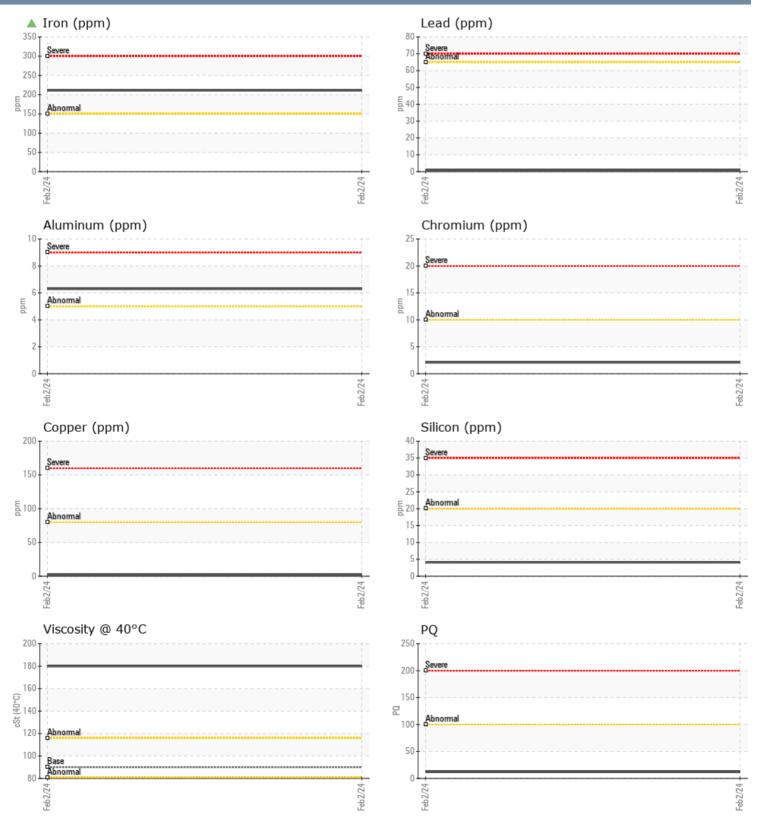
 Signed:
 Don Baldridge

 Report Date:
 17 Feb 2024

OIL ANALYSIS REPORT



GRAPHS



Contact/Location: ROBBIN MURDOCK - VP179089