OIL ANALYSIS REPORT

VOLVO PENTA 3950011142 - STARBOARD IPS 502125

Sample No: VPA058173

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORM	ATION			
Sample Number		VPA058173	 	
Sample Date		05 Jan 2024	 	 North Harbor Diesel Inc
Machine Hours		489	 	 720 30Th Street
Oil Hours		0	 	 ANACORTES, WA
Oil Changed		Changed	 	 US 98221
Sample Status		NORMAL	 	 Contact: ROBBIN MURDO
OIL CONDITION				robbin@northharbordiese T: (360)299-1904
Visc @ 40°C	cSt	106	 	 F:
CONTAMINATIO	N			Diagnosis
Water	%	NEG	 	 Resample at the next ser
Silicon	ppm	3	 	 to monitor.All componen are normal. There is no ir
Sodium	ppm	0	 	 any contamination in the
Potassium	ppm	4	 	 The condition of the oil is
WEAR METALS				for the time in service.
PQ		17	 	
Iron	ppm	15	 	
Copper	ppm	5	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	<1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	0	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	4	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	47	 	
Magnesium	ppm	36	 	
Zinc	ppm	1 3	 	
Phosphorus	ppm	1306	 	
Barium	ppm	 <1	 	
Boron	ppm	288	 	



h Street RTES, WA 21 **ROBBIN MURDOCK** northharbordiesel.com 99-1904

osis

le at the next service interval itor.All component wear rates mal. There is no indication of tamination in the component. ndition of the oil is acceptable time in service.

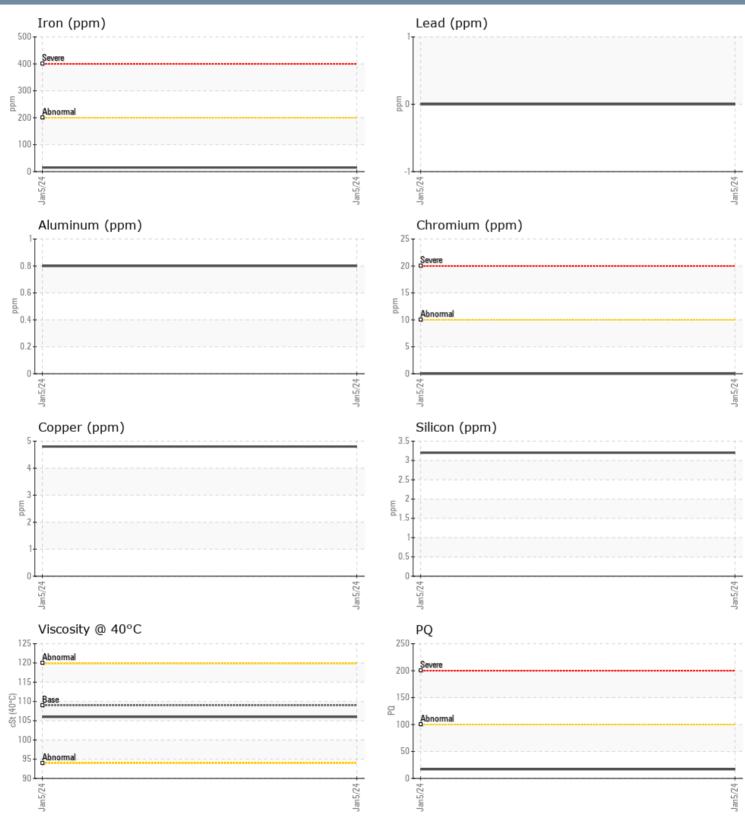
Depot: VP179089 Unique No: 10832879 Signed: Don Baldridge Report Date: 17 Jan 2024

Contact/Location: ROBBIN MURDOCK - VP179089

OIL ANALYSIS REPORT







Report Id: VP179089 [WUSCAR] 06061497 (Generated: 01/17/2024 18:24:42) Rev: 1

Contact/Location: ROBBIN MURDOCK - VP179089